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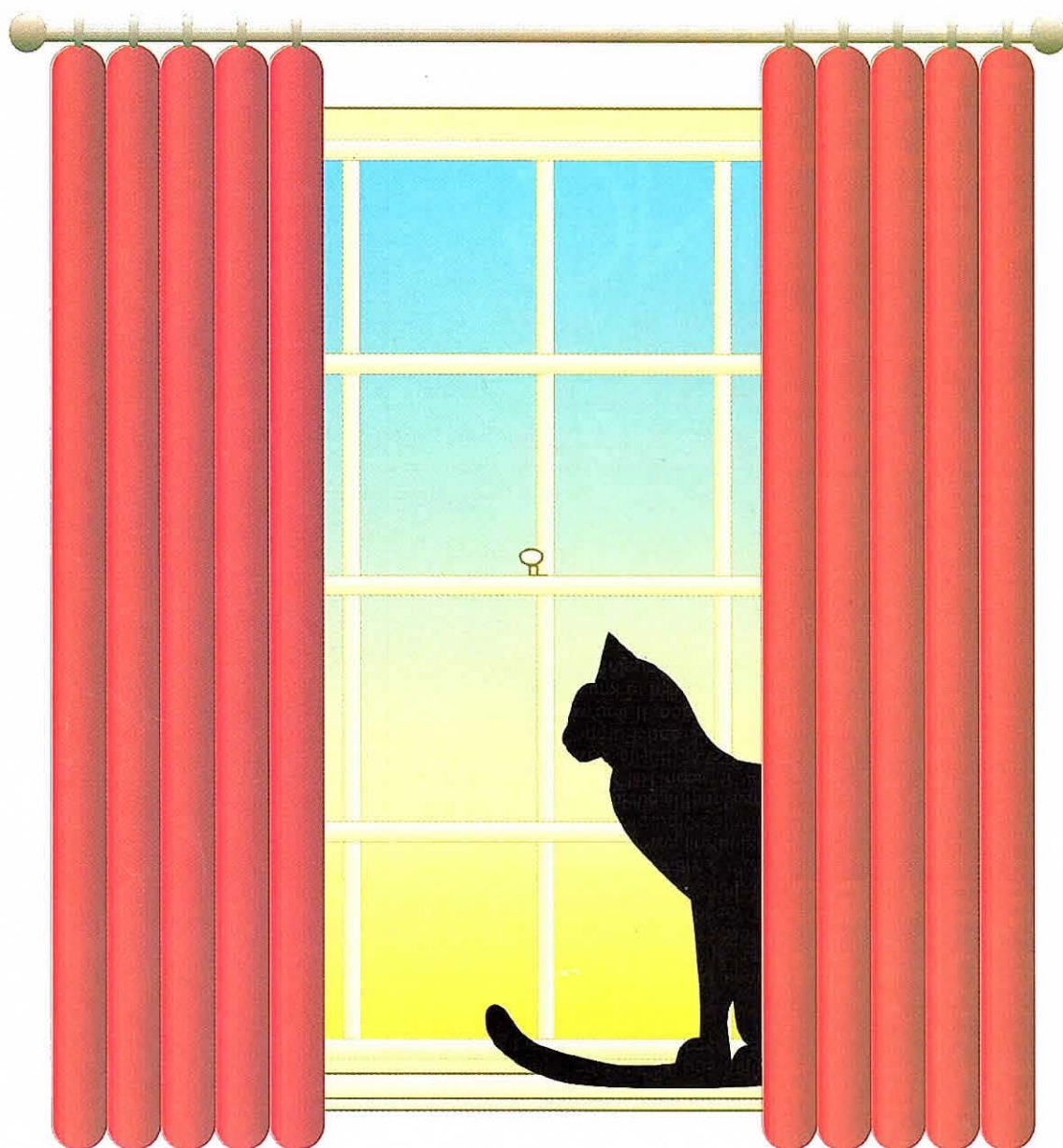
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ABBREVIATIONS

alt = alternate(ly)
 beg = beginning
 ch = chain
 cm = centimetres
 cont = continue(ing)
 dc = double crochet
 dec = decrease(ing)
 foll = following
 g = grams
 HP = holding position
 in = inch(es)
 inc = increase(ing)
 K = knit
 mm = millimetres
 MT = main tension
 MT-1, MT-2, MT-3 = one, two, three
 full sizes tighter than main tension

MT+1, MT+2, MT+3 = one, two, three
 full sizes looser than main tension
 MY = main yarn
 N(s) = needle(s)
 NWP = non working position
 P = purl
 patt = pattern
 RC = row counter
 rem = remain(ing)
 rep = repeat
 ss = stitch size
 st(s) = stitch(es)
 st st = stocking stitch
 tog = together
 UWP = upper working position
 WP = working position
 WY = waste yarn

YARNS

Yarns used for our patterns are matched to this guide for thickness. If you want to use a different yarn and, especially for readers overseas who may not be able to buy the originals, choose a yarn of the same thickness. If you do use a different yarn here are a few tips.

Firstly, your garment is likely to be more successful if you use a very similar yarn so look for slubbed cotton for slubbed cotton, acrylic for acrylic, wool for wool and so on. A change of fibre is perfectly possible but requires even more care in checking tension, quantity and, above all, suitability in the resulting 'feel' and 'hang' of the knitted fabric.

To compare yarns, hold the proposed substitute over the guide and stretch it out until it is just taut, not pulled tightly. A good match should fit the guide lines closely.

Now that you have a suitable yarn, how much do you buy? Whenever possible buy the yarn by length rather than weight as different fibres and treatments can vary the weight of yarns a great deal. A 500 gram cone of airy acrylic would have many more metres or yards of yarn on it than a 500 gram cone of much denser cotton.

After matching the tension, the garments in the

original and substitute yarns would have much the same number of stitches knitted throughout and therefore need much the same yarn length. When you cannot discover the length on the cone it is best to err on the generous side whilst using your previous experience to decide how many cones you would expect the garment to take.

It is possible to work out the length required for a garment by measuring the length used for a tension square and calculating the total area of the garment from the diagram but I think you would need to be addicted to mathematics to find this worthwhile.

Having bought your yarn, experiment until you have matched the original tension. To achieve the best 'handle' it may be necessary to vary the number of stitches or rows a little. This is no problem if you are using a charting device but will require extra calculation if you want to follow the written pattern where the numbers stated for rows and stitches will not now apply.

If all this sounds like too much trouble, take care. You could be lucky and knit a perfect garment in the first yarn that comes to hand but you could also be badly disappointed. Time is precious to all of us so it is worth 'wasting' a little to avoid wasting a lot. You will be rewarded by a successful result.

MOCK RIB

Used for welts, cuffs, neckbands and other edges on single bed machines without a ribber.

Push the number of main bed needles given in pattern to working position. Push every alternate needle back to non-working position for a 1x1 rib or every third needle back to non-working position for a 2x1 rib. It may be necessary to reduce this number by one needle at one or both edges to keep rib even. (Increase the stitches after the mock rib has been worked to give the same number as the pattern.)

Using main tension and waste yarn, cast on and knit a few rows ending with carriage at left. Set row counter at 000. Using at least two full sizes tighter than main tension, knit the number of rows given in

pattern for rib. Using three full sizes looser than this tension, knit one row. (This loose row gives a neat fold line.) Return to two full sizes tighter than main tension and knit the same number of rows as before. Push empty needles from non-working to working position and make a hem by placing loops of first row worked in main yarn evenly along the row. Make sure that each empty needle holds a loop to prevent a row of holes across the work.

Unravel waste yarn after work has been removed from machine. After garment has been blocked to size, insert a metal welt bar or thin, clean piece of wood through the hem and pull firmly downwards to draw stitches of mock rib closer together. Set the stitches by steaming lightly on wrong side, if pressing instructions permit.

QUICK CAST-ON

This method can be used for both speed and when edges are either hidden or to be gathered by pulling up yarn end.

Carriage at right. Push alt Ns to WP. Use tension dial setting and either MY or WY as given in pattern. K1 row. Hook on cast-on comb. Push rem alt Ns into WP. K1 row. Carriage back at right. Cont

as given in pattern instructions.

When knitting is removed from machine, pull yarn end at cast-on edge to gather up sts or, for a straight edge, pull yarn end to remove any slack and fasten off. See pattern for which is required. Your manual will describe this method of casting on although it may be called by a different name and may not use a cast-on comb.

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Dear Readers,

We are coming to the end of another year in which I hope you have had a great deal of pleasure from your knitting, whether it is just a hobby or your living. Hopefully we have been able to add to that enjoyment with ideas and information, a few laughs and some contact with other knitters through the letters and clubs pages.

Now we look forward to the festive season and have a present for you – a free choice of any magazine listed in our Back Issues – details page 26.

Many a knitting machine will be working overtime on something special to wear and little gifts to give to friends or sell for charity at the Christmas Fairs organised by schools and churches. If you need extra ideas, how about our snowmen, Mr Snow and Son? If you've time to spare, children would love our snowscene sweaters with their own detachable toys, but if time is short, the Christmas egg cosies could be made as individual stocking fillers or a complete set.

Buying the right present for a knitter is easy with the help of our feature on gifts and it will provide ideas for a few goodies you'll want to add to your own Christmas list! There are some special offers included – so don't miss either them or the chance to win a linker or one of those wonderful swatch boards, from Hague, in our Christmas competition.

It's a very warm 'welcome back' to Wendy Phillips for another series, but this time Wendy's theme is Picture Knitting for pleasure and profit. Each article will include tips on making your knitting profitable and will be accompanied by an exclusive book offer for a limited period.

I need to alert you to an error in our November issue. Pattern 6, page 54 states under the heading TENSION . . . Set lock on N/AX0, K 2 or 4 rows. This should read, K 2 rows. My apologies to confused knitters and designer Andrea Levick. I know what my New Year resolution has to be!

Meanwhile, I hope all the knitting will be finished in time and that this will be a very happy Christmas for you all.

Sheila

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Our fax number is
(01628) 829816.

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PHOTO CREDITS

This month's patterns were photographed
with the following accessories:

Page 13: Satin dress and trousers, KAYS.

Page 16: Trousers, GUS.

Page 37: Skirt, STYLE PLUS – GUS.

Page 53: Her shirt and suit, GUS. His
shirt and trousers, FIRST
AVENUE.

Page 65: Trousers, FIRST AVENUE.

Maureen McCarthy

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NEWS LINE

New products, colours or prices; a special event or a change of address; if it's news, we want to know. Send details, pictures or samples to the address on page 5.

COUNTRY SPECTRUM

The Country Collection gives the **Spectrum** range for this autumn and winter a tweedy outdoor look.

Crofter is an Aran weight with a fine boucle running through which gives it surface texture. In Courtelle, wool and polyester, it is machine washable and 300g balls will retail around £6.73.

Wayfarer is also an Aran weight, available in six tweedy colour mixes. This yarn is Courtelle with 20% wool, is also machine washable and retails at about £6.35 for a 300g ball. Plain Wool Aran and slubby Alpine Aran, which has four new shades this season, complete the Country Collection. There are new autumn shades for many of the regular Spectrum



yarns too, so ask your stockist to show you the range.

PASSAP HELP SHEETS

Understanding how your machine works is half the battle when a problem crops up or recurs. There is also the question of 'computer-speak' — you need to know what the console is telling you in order to choose your option. For Passap and Pfaff owners, at least, help is at hand.

Three, very helpful, books of Help Sheets have been produced by Mrs A. Golding to simplify Passap knitting. Help Sheets No 1 is entitled 'What Happens When I' — it is for use with Duomatic 80 machines and covers setting the locks, using strippers and pushers, the Deco unit and cards. Help Sheets No 2 is called Necklines and is for the Duomatic 80 and E 6000. It explains cut and sew necklines, bands for cardigans and jackets and includes templates and stitch numbers for children's and adult neckbands. The third in the series, Help Sheets No. 3, is for the E 6000. It explains the machine and the console messages and tells you how it forms the different stitch structures.

Beginners, in particular, will avoid the frustration of disappointing results and get much more from their knitting. Help Sheets 1 and 2 cost £3.50 each and Help Sheet 3 is £5.95. All are available direct from Mrs A. J. Golding, Meadowcroft, Chase Road East, Great Bromley, Colchester, Essex CO7 7UN.

FOR ODDMENTS

Peggy La Riviere (supplier of blocking cloths, cone ladders and so on) makes a habit of inventing clever gadgets to aid the knitter. Her latest brain child is an Oddments Ladder to store those small ends of cones which often might just as well be thrown away since they take up so much room and are so difficult to store and find again.

Peggy's ladder comes in a plastic bag with assembly instructions. There are four plastic 'knitting needles' with large flat heads, four discs with centre holes and two 'bits'. Take one needle, slip a disc on to it (to prevent a ball of yarn with a large centre hole slipping off) and then fill with balls of yarn oddments wound off their original cones.

Clip a second needle over the tip of the first, slide on another disc if necessary and repeat. When the needles are full the two extra plastic 'bits' are a sling and slider which make an 'eye' to hang the ladder on a hook on your shelf or door.

This clever little device would make a good present and is inexpensive at £3.95 plus 40p p&p. It can be ordered direct from Peggy La Riviere:-

67 Bartholomew Road
London NW5 2AH.
Tel:- 0171-267 2712
with credit card.

TENSION FREE

Anne Lee of Balloch, Inverness, is offering a new service which should take the stress out of tension! What Anne has in mind is writing an individual pattern for the knitter who simply cannot match the tension of the one she wants to use.

As she says, this could be for various reasons – most commonly a change of yarn – but if the knitter goes ahead, the garment will be the wrong size and if she doesn't, she has the disappointment of doing without a garment she really wanted to knit.

The solution Anne offers is to send her the pattern and details of the tension actually achieved (stitches and rows to a 10 cm square) and she will re-write the pattern to that tension so that it can be knitted. Her charge for this (possibly unique) service is only £3.00 plus a stamped addressed envelope for return of the pattern. If you'd like to take advantage of this service, you can write to Anne Lee at:- 78 Culloden Road, Balloch, Inverness IV1 2HH.

DAK NEWS

DAK News is a newsletter from America specifically written for DesignaKnit users. It evolved from discussion with some of those users and is written by Karen Kuranda, PhD, an experienced designer and knitter and the fourth generation of a 'textile' family.

Karen produces DAK News six times a year and each issue includes a feature article with step-by-step lesson, questions and answers, hints and information update with a view to ensuring that DesignaKnit owners will use their many-featured program often. The newsletter is published in America by Beacon Hill Knits (Tel:- 508-635-0277), but is now available in the UK and Europe through Angela Gordon. If you're interested and would like to know more, you can write to Angela at:-

29 St Helens Road
Sandford
Wareham
Dorset BH20 7AX.
Fax/phone:- 01929-551073.
CompuServe 100101-1160.

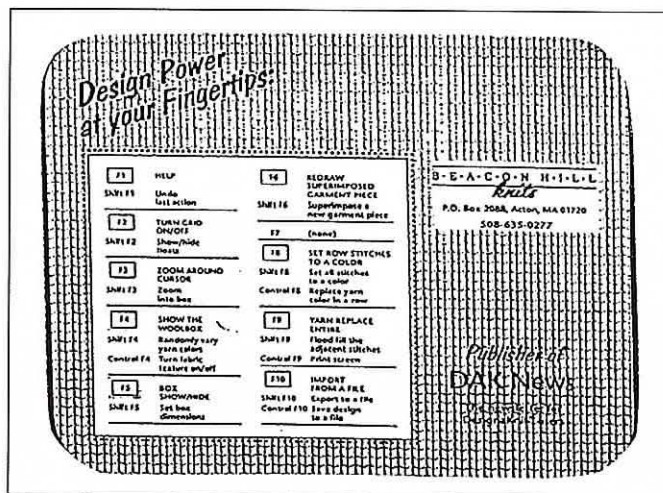
A subscription costs £15.00 (UK) or £18.00 (Europe) and back issues are available for just £2.50 (UK) or £3.00 (Europe).

Also from Beacon Hill Knits and currently available through Angela, is a new DesignaKnit mouse pad.

The Function Key shortcut hotkeys, used when designing in the Colour Section, are highlighted on a 'knitted' background from an original colour pattern designed in DesignaKnit. The mouse pad costs £8.00 (UK) or £9.00 (Europe) from Angela Gordon at the address above.



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NECKBANDS

Janet Spink's latest book is entitled 13 More Nice and Easy Neckbands — buy it and you need never settle for a plain ribbed band again, unless you really want to.

Janet uses pin tuck and cable, jacquard and lace, Fair Isle and racking to ring the changes — there are even instructions for plain rib, but a professional version.

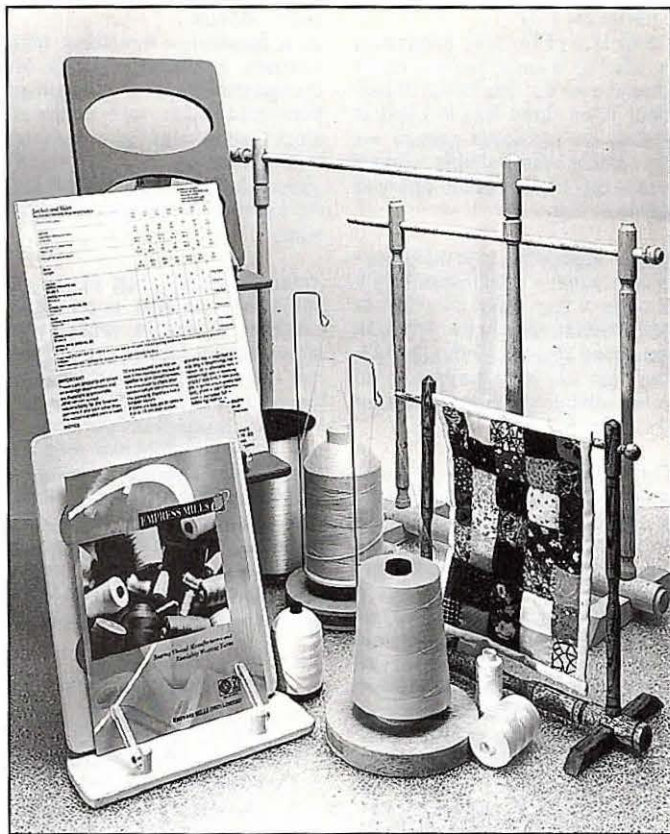
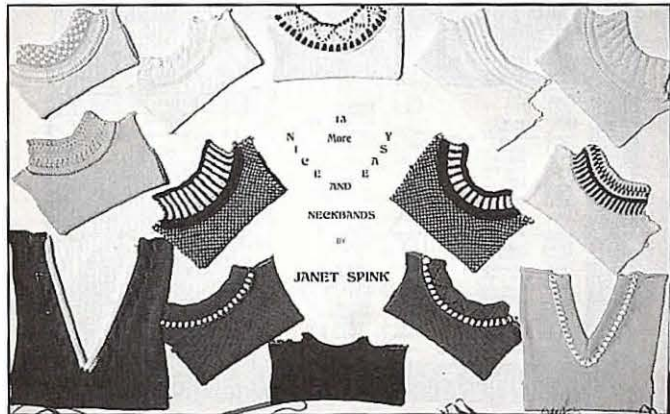
This is an excellent book for your reference shelf, with ideas which will help you complete a garment, or perhaps even inspire one. The book is priced at £3.99 and is available from selected dealers or by post (please add 35p p&p) from:-

Janet M Spink
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WIDER VELCRO

You'll be glad to know that there's now a new wider width in the sew-on version of **Velcro** fastening. Available in black and white at around £2.50 metre, the new 50 mm sewing-quality **Velcro** has been produced to provide the strongest version yet of this popular and convenient fastening.

It was launched in mid-August, so you should be able to find new wider Velcro on most haberdashery counters now.



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ing cone holders (pictured) could be very useful to knitters too, as could the pattern holders, which will keep even the flimsiest of patterns in an upright, readable position. The cone holder costs £7.50 and the pattern holder, £9.99. Both are available by mail order or from the Empress Mill shop.

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HOBBY NEWS

Two warm new shades which **FW Bramwell** have added to their popular Hobby and Silky ranges are Raspberry and Old Gold. These are just in time to add a glow to your knitting for the party season so call in at your local stockist and see them soon.

There were also some new colours introduced to the Montana 2-ply cotton range in late summer. These were intended for a limited period only but look out for Apple, Blue Ice, Bronze, Lemon, Lilac, Satsuma, Scarlet and Walnut if you, like so many knitters, are a fan of this soft fine cotton yarn. Should you require more information, Bramwell's address is on the back page of this magazine.

DOUBLE BED FABRICS

The latest book from **Diane Bennett** contains a couple of patterns and a variety of interesting but very easy to knit fabrics.

The fabrics, ranging from the beautiful honeycomb tuck rib to the unusual textured lattice rib, are knitted with the ribber and can be used to knit, either a simple jacket, or a cleverly designed sweater in which all the shaping is in shoulder pieces knitted on the single bed. Double Bed Fabrics is available from your local dealer (£5.25) or direct from:-

Diane Bennett
9 Huntley Grove
Nailsea
Bristol BS19 2UQ.
(£5.50 inc. p&p)

MERRY CHRISTMAS TO
ALL OUR READERS

RIDGEWAY MOVES SOUTH

Elizabeth Dare is the new owner of Ridgeway Yarns. She plans to stock the same kind of top quality yarns at low prices as Joyce Taylor did but intends to expand the range and the mail order side of the business in due course.

The good news for knitters in the south is, that the warehouse will be at Watford, near Junction 5 of the M1 and Elizabeth will be pleased to welcome old and new customers there, by arrangement. There is to be a Warehouse Sale on Sunday, 3rd December, so do ring Elizabeth for details. Her number is 0171-625 5498.

As before, the new Ridgeway Yarns will hold yarn shows and visit clubs and Elizabeth Dare is keen to teach a better understanding of industrial yarns to knitters, some of whom are afraid to get involved with mysterious counts and thicknesses.

Her immediate diary includes a show at the Haymill Youth Community Centre, 112 Burnham Lane, Slough, Berkshire, on Saturday, 18th November and another at the Bohunt Centre, Longmoor Road, Liphook, Hampshire on Saturday, 25th November. In the New Year, Ridgeway will be at the Esher show and then, on 3rd February, at Bourne Valley Community Centre, St Herbert Avenue,

Parkstone, Poole, Dorset. The yarn shows are normally held from 10.00 am to 4.00 pm but do telephone for further information.

INFO SHEETS

Another knitter dedicated to teaching others, is Beryl Jarvis. Beryl has been teaching students and talking to clubs for some time now and has developed her system of Info Sheets as a teaching aid and to clarify techniques which have mystified some of the knitters she has met.

Beryl presents her Info Sheets in plastic wallets so they can be kept in a ring binder, perhaps with a knitted sample and garment notes for instant reference. Currently her index lists 20 Info Sheets (another 50 or so are in the pipeline) and the teaching is imaginative, as in Info Sheet - 3.1 which gives the student practice at handling transfer tools whilst knitting a daffodil.

The sheets are sold individually in plastic wallets and cost £1.00 each, or £1.50 for a two-sheet subject. You can contact Beryl Jarvis at:-

90 Asfordby Road
Melton Mowbray
Leicestershire LE13 0HR.
Tel:- 01664-68449.

ANGELA CORYN

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SILVER SCENE

THE PE 1 DESIGN CONTROLLER – Part 3

We're going to put some of the things we've learned so far into practice this month, by actually doing something with the PE 1. You've been very patient if you've been with me since October, so this is your reward!

Maggie Dyke

I'm going to assume that your PE 1 is plugged into your machine and that the machine is turned on (and I hope you remembered to plug in BEFORE you turned on). The PE 1 should have beeped at you when you turned the machine on and it should now be sitting there saying 'OK', which is what it always says when it's ready for work.

Turn your Brightness Control up and down so you can see what effect it has, then leave it set so you can see the display clearly. Set the Pattern Width Indicators on the EC 1 to 0 and 60. We're going to tell the PE 1 what size the pattern is, so we don't need the Pattern Width Indicators to do this for us. If you leave the right hand Pattern Width Indicator part way across the EC 1, a black line will show on the PE 1 screen when you read the pattern in, which looks like a mistake. The PE 1's memory will ignore it though and the black line will disappear when the pattern reading is completed.

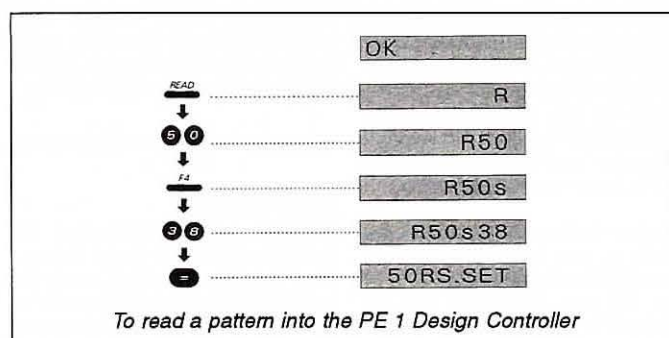
If you should leave the left hand Pattern Width Indicator part way along, The PE 1 won't be able to read anything to the left of it. This is fine if you want to read a pattern, or part of a pattern from the right hand side of the Design Card, but can be annoying if you really want to take the pattern

right up to the left hand edge. Just for practice, we'll read one of the standard patterns which come with the EC 1 into the PE 1. I'm going to use Card 1, Pattern 7 – the Banana and Pineapple pattern you may remember from when we were working on the EC 1.

The first thing we have to do with the PE 1 is tell it how large a pattern we are going to work with, so it knows whether it can cope! I've just told my PE 1 I'm going to read in a pattern which is 500 stitches wide and 2,000 rows long and it knows perfectly well that it can't take a pattern that size, so it beeped at me in anguish.

To get back to our example, the Banana and Pineapple is 28 stitches wide and 22 rows long – no problem for the PE 1. To read in this pattern, put the Design Card into the EC 1 (with the Inspection Button light on) and wind it to row 1. Remember the Pattern Width Indicators should be at 0 and 60. Now we can start pressing the PE 1 buttons. This is a straightforward pattern in two colours, with no combining of patterns, so the buttons we press are as follows:–

READ 'R' shows on the Display Screen and the PE 1 wants to know how many rows there are in the pattern, so we tell it:–



22 - The number of rows in the pattern. Remember, if you make a mistake, pressing the 'C' button will delete the last thing we told it. Next, press:–

F4 - The letter 'S' appears on the Display Screen, because the PE 1 wants to know how many stitches wide the pattern is going to be, so we tell it:–

28 - Again, if you make a mistake, use the 'C' key. Next, press:–

= This tells the PE 1 it has all the information it needs.

The PE 1 now knows exactly what we're expecting of it, so we can go on to the next stage. Press the Inspection Button so the light goes out and press the '=' Button on the PE 1 again. The card is read by the scanner in the EC 1, exactly as if we were knitting it. However, instead of the pattern appearing on knitted fabric, it is sent to the PE 1. You can actually watch it on the PE 1 screen as it is read row by row. Much more exciting than Neighbours! You'll notice that the PE 1 screen is showing all the pattern from the whole width of the Design Card. Don't worry about it though, because we've already told the PE 1 that part of the pattern we want to use is 28 stitches wide, so although it reads the width of the card, it only remembers the 28 stitches at the left.

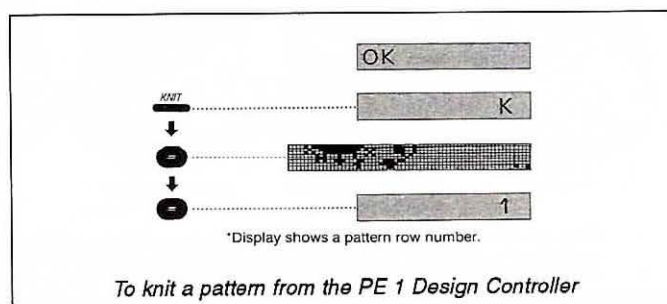
When every row of the pattern has been read, the PE 1 buzzes, the 'Completed' message appears briefly on the

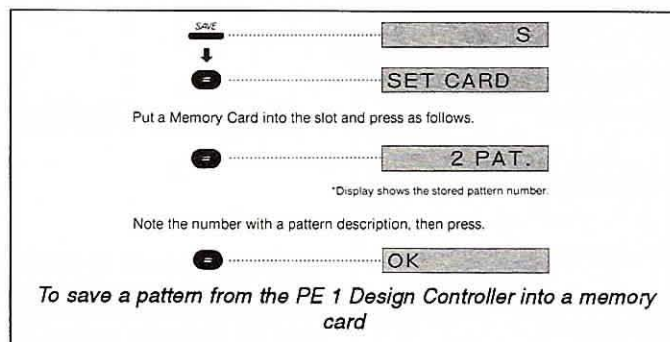
screen, followed immediately by 'OK' – that's all there is to it!

Very often I knit using the PE 1 when I've drawn out my own pattern. Watching the pattern reading into the PE 1 will show me if I have made a mistake on the card, or not filled in a section properly. Also, the first row showing on the PE 1 is the row I'm going to knit next, so I can see exactly what I'm doing without having to press the Inspection Button to bring a card up from the EC 1. Another plus is that the PE 1 goes instantly from the last row of the pattern back to the first row, so I don't have to pause when I'm knitting for the card to rewind in the EC 1.

Now we've got the pattern in the PE 1, what shall we do with it? Well, we can turn the machine off, go away for a couple of weeks and, by the time we come back, the pattern will have disappeared! That's because the memory in the PE 1 only lasts for around eight days. (Mind you, that's longer than I can remember things for!) Usually, when I've read a pattern in, the first thing I do is knit it, to see if it looks how I want it to. If it does, I save it, then I can load it back from the Memory Card whenever I want to use it again. Knit, Save and Load are all done in the same way, no matter what the pattern is, so we'll go through the sequences involved.

First, to knit the pattern, the PE 1 should be showing 'OK' on the screen, indicating that





it's ready for action. All you have to do is press the 'Knit' Button and then the '=' Button (to confirm your choice). The Banana and Pineapple appears, with row 1 showing at the bottom of the screen. You'll notice that the geometric pattern from the right hand side of the card has not been memorised. The PE 1 is now ready to get to work. The Point Cams, Needle 1 Cam, Pattern Buttons and Inspection Button are all used in exactly the same way as usual.

I'll assume that you've knitted the pattern now and have decided that you'd like to keep it. Last month's article explained about the battery in the Memory Card which is

supplied with the PE 1, so if you haven't done so already, now is the time to put the battery in and format the card.

Having done that, we can save the pattern in the PE 1. Again, it's very simple to do this: press the 'C' button, to make the PE 1 screen show 'OK' again. Now press the 'Save' Button. Next press the '=' Button. The message on the screen tells you to 'Set Card'. This means you should put in the formatted Memory Card. Press the '=' Button again and the message on the screen shows the number of the pattern you are storing. If this is the first pattern you are storing, the message will be '1 PAT'. Now, if you are very organised, you'll get a

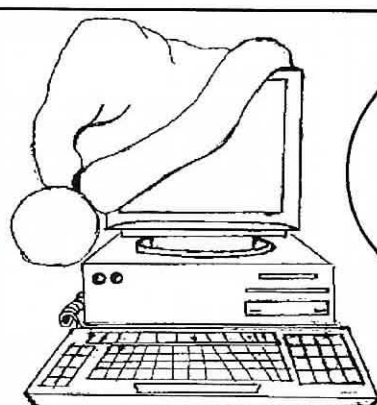
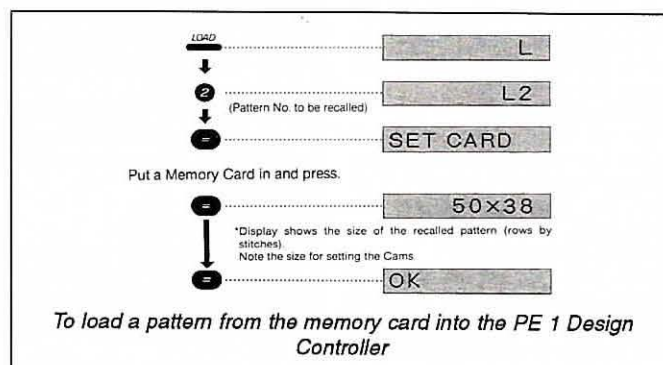
notebook, which you will keep with the Memory Card and on it you will write 'Pat 1 - Banana and Pineapple'. If you are like me, you will write this on a piece of paper, which you will then lose! The intention with the notebook is that when, in six months' time, you come to knit the pattern again, you can look at your notebook and tell the PE 1 to load pattern 1, instead of having to go through all of them to find the one you want, like I do . . . anyway, back to the plot . . . when 1 PAT shows on the screen, press '=' again and the pattern will be stored.

To bring the pattern back to the PE 1 again, press 'Load', followed by the number of the

pattern you want to bring back - in this case '1'. Then press '=', insert the Memory Card and press '=' again. The display now shows the number of rows and stitches in the pattern you are recalling, which is useful for setting the Point Cams and so on. Press '=' again and there's the pattern on the screen, just as if it had been there all the time!

We've covered the basics of the PE 1 now - we can read, knit, save and load a pattern.

In next month's issue we're going to work with a pattern that is bigger than 60 stitches wide and 150 rows long, so join me then to see how it's done.



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** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Yeoman Bourette Silk In Oil. (Yarn Guide No.12.)

2 x 450 g cones in Natural (MC).

Yeoman Janeiro. (Yarn Guide No.7.)

1 x 500 g cone in Sienna.

Yeoman Manila. (Yarn Guide No.4.)

1 x 250 g cone in Gold.

Use two ends of Janeiro and one end of Manila together (C).

GARMENT WEIGHT

Finished garment in second size weighs 525 g.

The fibre content of Bourette Silk is 100% Silk In Oil. Janeiro is 50% Viscose, 25% Linen, 25% Acrylic. Manila is 75% Viscose, 15% Nylon, 10% Polyester. For further information about these yarns, please write to the following address:- Yeoman Yarns, 36 Churchill Way, Fleckney, Leicestershire LE8 8UD. Tel: 0116 240 4464.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.

Actual size 108 [118, 127] cm, 42½ [46½, 50] in.

Length to shoulder 68.5 [69.5, 70.5] cm, 27 [27½, 28] in.

Sleeve seam 39.5 [40.5, 41.5] cm, 15½ [16, 16½] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

29.5 stitches and 32 rows to 10 cm, 4 in measured over Fair Isle pattern (tension dial setting approximately 9). Handwash, dry flat, gently steam press before measuring.

For perfect results, please check your tension carefully.

KNITTING NOTES

a) We used knit side of knitting as right side of garment.

b) Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

c) On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).

d) On Brother electronic machines, place pattern over centre 0.

BACK

Push 162 [176, 190] Ns at centre of machine to WP. Push every 12th N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at left. Insert card and lock on first row. Set RC at 000. Using MT-2 and MC, K 10 rows. Push Ns from NWP to WP. Pick up heel of adjacent st and place on to empty Ns. Using MT, K 1 row. Set RC at 000. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. K 9 rows. Make a hem by placing loops of first row worked in MC evenly along the row. Unravel WY when work is completed. K 131 rows. RC shows 140.

SHAPE ARMHOLES

Cast off 5 sts at beg of next 2 rows. Dec 1 st at each end of next 5 rows. 142 [156, 170] sts *. K 73 [77, 79] rows. RC shows 220 [224, 226].

SHAPE SHOULDERS

Cast off 11 [12, 14] sts at beg of next 6 rows and 11 [15, 16] sts at beg of foll 2 rows. Using WY, K a few rows in st st over rem 54 sts and release from machine.

FRONT

Work as for Back to *. K 39 [43, 45] rows. RC shows 186 [190, 192]. 34 rows less have been worked to shoulder than on back.

SHAPE NECK

Note patt row on card. Using nylon cord, K 83 [90, 97] sts at left by hand, taking Ns down to NWP. Cont on rem sts for first side. Dec 1 st at neck edge on every row until 49 [56, 63] sts rem, then on every foll alt row until 44 [51, 58] sts rem. K 14 rows.

SHAPE SHOULDER

Cast off 11 [12, 14] sts at beg of next and foll 2 alt rows, K 1 row. Cast off rem 11 [15, 16] sts. With carriage at right, unravel nylon cord over 24 Ns at right, bringing Ns back to WP. Using WY, K a few rows and release from machine. With carriage at right, unravel nylon cord over rem Ns, bringing Ns back to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle. Finish to correspond with first side, reversing shaping.

SLEEVES

With carriage at right, push 66 [70, 74] Ns on each bed at centre of machine to WP and arrange Ns for 2x2 rib. Using MC, cast on and K 5 tubular rows. Carriage is at right. Set machine for 2x2 rib knitting. Set RC at 000. Using MT-5/MT-5, K 11 rows. Transfer sts for st st. Using MT-1, K 1 row. Using WY, K a few rows and release from machine. Push 74

[76, 80] Ns at centre of machine to WP. With carriage at right and P side of st st facing, replace sts on to Ns, inc evenly. Unravel WY. Insert card and lock on first row. Take carriage across twice without knitting. Set RC at 000. Release card and cont in Fair Isle with MC in feeder 1/A and C in feeder 2/B. Using MT, shape sides by inc 1 st at each end of every 3rd row until there are 148 [154, 160] sts. K 7 [5, 4] rows. RC shows 118 [122, 124]. Place marker at each end. K 6 rows. Dec 1 st at each end of next 10 rows. Cast off rem 128 [134, 140] sts.

NECKBAND

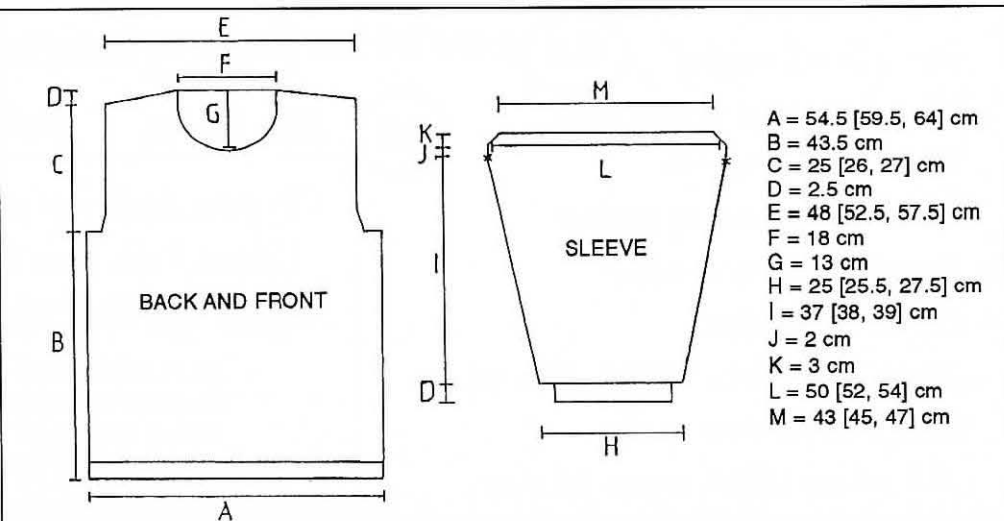
Join right shoulder seam. Push 174 Ns to WP. With K side facing, pick up 45 sts down left side of front neck, 24 sts across front neck inc 2 sts evenly, 45 sts up right side of front neck and 54 sts across back neck inc 4 sts evenly and place on to Ns. Unravel WY. Set RC at 000. Using MT-1 and MC, K 1 row. Transfer sts for 2x2 rib. Using MT-5/MT-5, K 28 rows. Transfer sts for st st. Using MT-1, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, block knitting by pinning out pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join left shoulder and neckband seam. Set in sleeves. Join side and sleeve seams. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in MC.





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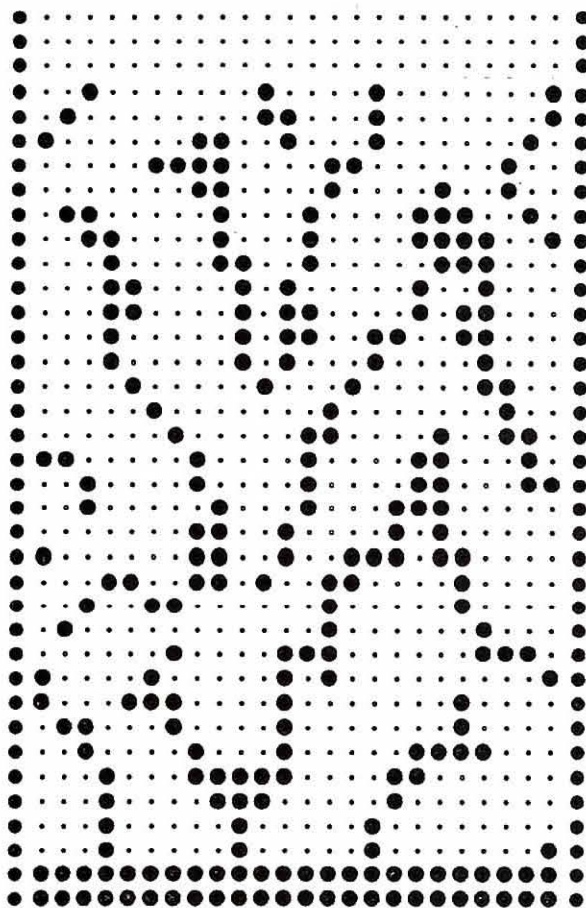
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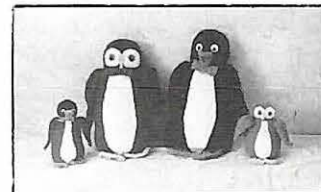
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2

Angela Gordon

BACK AND FRONT ALIKE

With carriage at right and using MY, cast on 108 [118, 128, 140] sts on each bed at centre of machine in full needle rib. Using MT-1.5/MT-1.5, K 2 tubular rows. Carriage is at left. Set machine for full needle rib knitting. K 3 rows. Set RC at 000. Using MT/MT, cont in half fisherman's rib. K 312 rows.

SHAPE ARMHOLES

Cast off 11 sts on each bed at beg of next 2 rows. 86 [96, 106, 118] sts on each bed. K 198 rows. RC shows 512. Transfer sts to back bed. Place a marker on N 20 at left and right of centre. Cast off.

SLEEVES

With carriage at right and using MY, cast on 60 sts on each bed at centre of machine in full needle rib. Using MT-1.5/MT-1.5, K 2 tubular rows. Carriage is at left. Set machine for full needle rib knitting. K 3 rows. Set RC at 000. Using MT/MT, cont in half fisherman's rib. K 12 rows. Shape sides by inc 1 st on each bed at each end on next and every foll 14th row until there are 102 sts on each bed, then on every foll 16th row until there are 108 sts on each bed. RC shows 341. Place marker at each end. K 39 rows. RC shows 380. Transfer sts to back bed. Cast off.

PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for Singer Electronic machines.

MATERIALS

Forsell Naturell. (Yarn Guide No.8.)
2 x 400 g cones in Apricot (MY).

GARMENT WEIGHT

Finished garment in second size weighs 535 g.

The fibre content of this yarn is 80% Wool, 20% Alpaca. For further information about this yarn, please write to the following address:- T Forsell & Son Ltd, Blaby Road, South Wigston, Leicester LE8 2SG. Tel: 0116 278 6281.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 82-87 [92-97, 102-107, 112-117] cm, 32-34 [36-38, 40-42, 44-46] in.

Actual size 98 [107, 117, 128] cm, 38½ [42½, 46½, 50½] in.

Length to shoulder 66 cm, 26 in.

Sleeve seam 44 cm, 17½ in.

Instructions are written for the first size, larger sizes follow in brackets. If only one size is given, it applies to all sizes.

TENSION

21.5 stitches on each bed and 78 rows to 10 cm, 4 in measured over half fisherman's rib (tension dial setting approximately 2.5/2.5).

For perfect results, please check your tension carefully.

KNITTING NOTES

a) Please read Angela's Singer Special article on page 30 before starting to knit.

NECKBAND

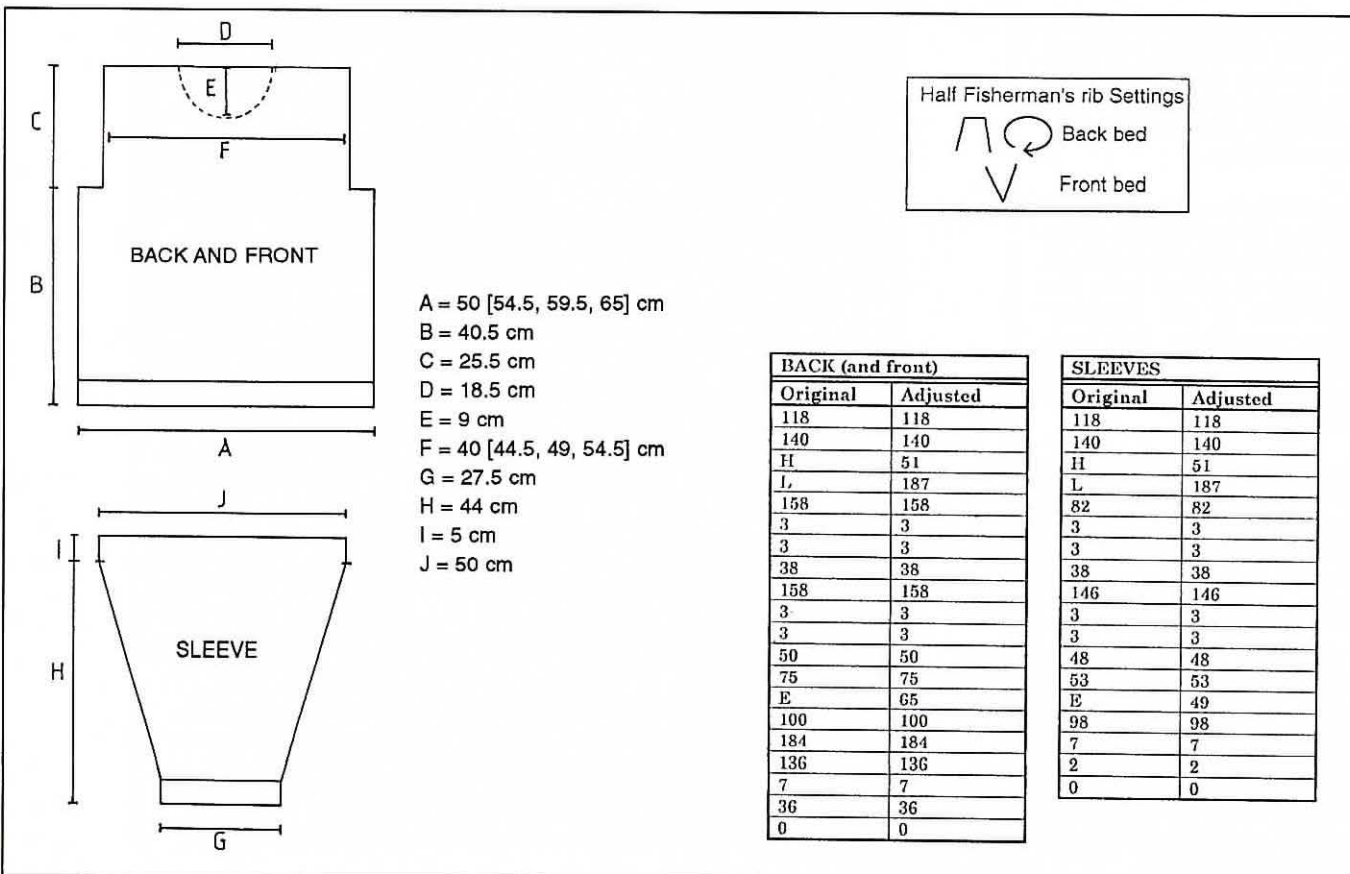
With carriage at right and using MT-5/MT-5 and MY, cast on 100 sts on each bed at centre of machine in full needle rib. K 2 tubular rows. Carriage is at left. Set machine for full needle rib knitting. K 1 row. Set RC at 000. Cont in half fisherman's rib. K 40 rows. Transfer sts to back bed. Using WY, K a few rows and release from machine.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join shoulder and neckband seams. Mark a cut and sew neckline on front as shown in measurement diagram. Sew two rows of zigzag sts around neckline then cut out surplus. Sew cast on edge of neckband on to right side, fold in half and catch down loops on inside encasing cut edge. Set in sleeves, sewing rows above markers to cast off sts at armholes. Join side and sleeve seams.



C CREATIVE INTARSIA

MUSICAL NOTES

This being the last in my series of articles for Creative Intarsia, it is appropriate that it should be a much requested design of musical notes, which was one of my very first intarsia designs.

Terry Armitstead

This musical notes design comes in three graphs, starting with Graph 1 and adding as much of Graph 2 and Graph 3 as you need for the finished width of your garment.

The complete design is 170 stitches wide and 123 rows long. The small insert on Graph 2 should be added at the top of Graph 3, where indicated, to complete the design.

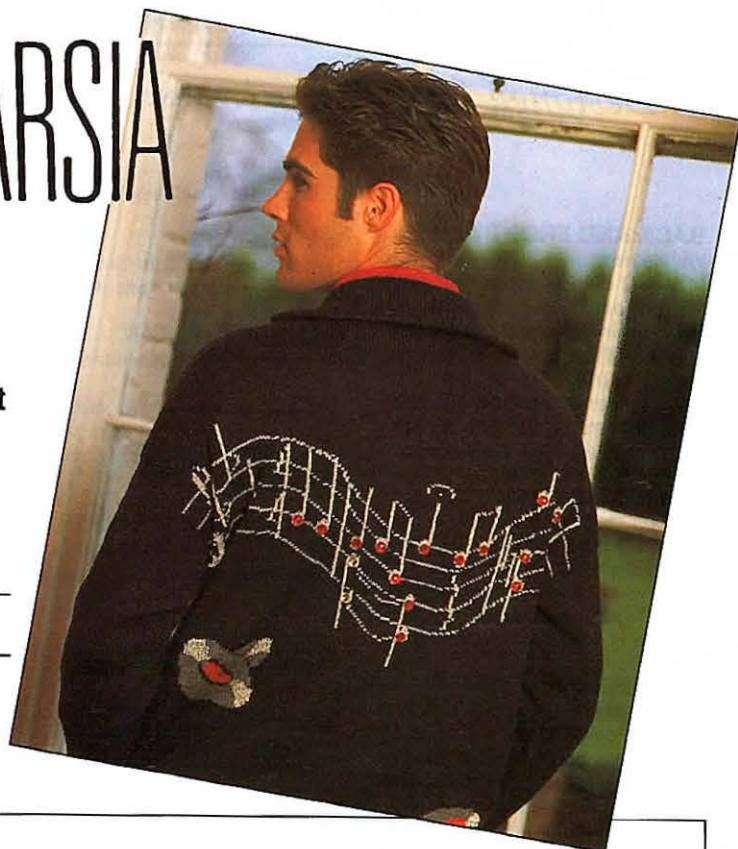
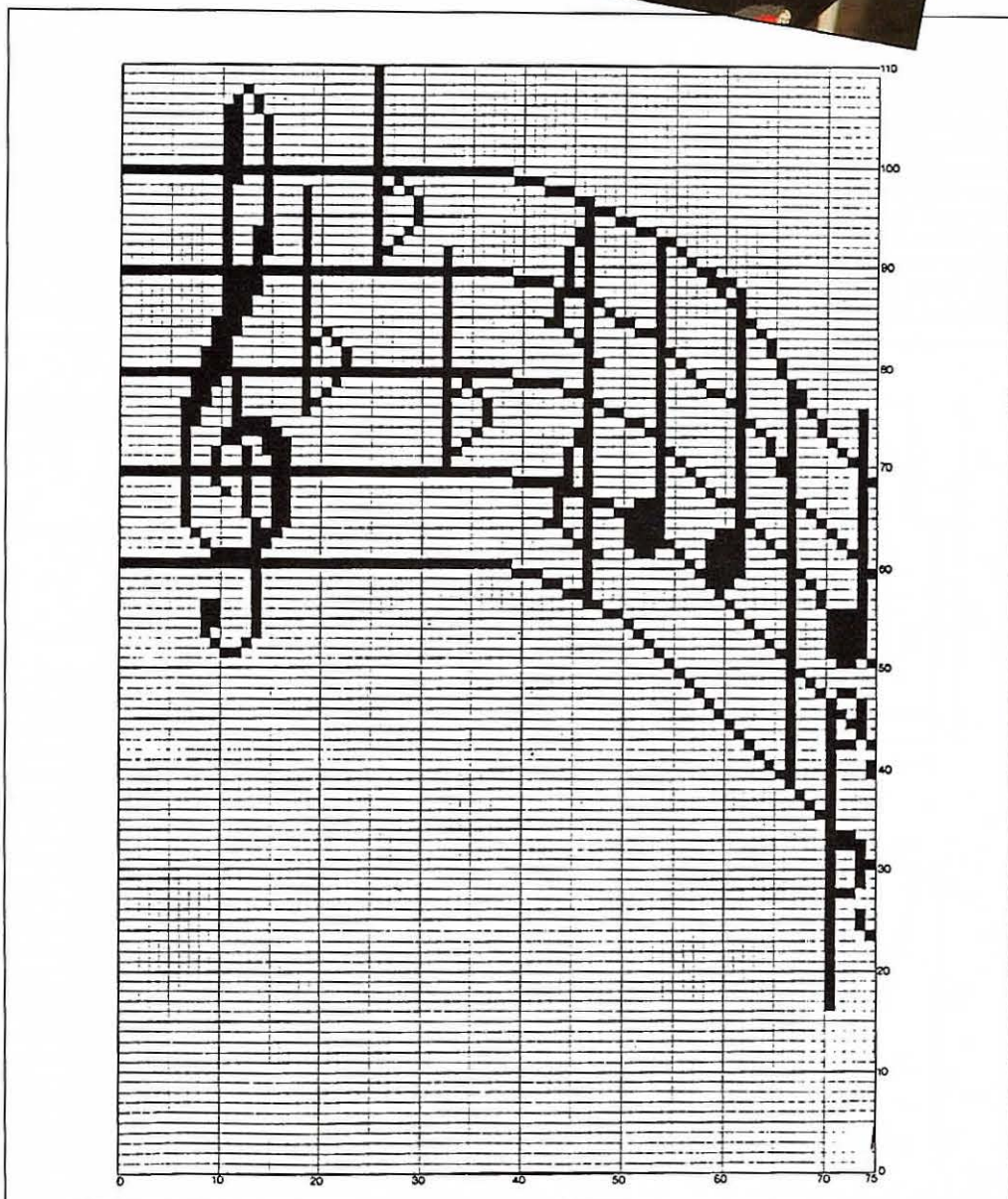
As with all my intarsia graphs, to make the design come out the correct way round, turn the graphs upside down and work from row one, which is now at the top.

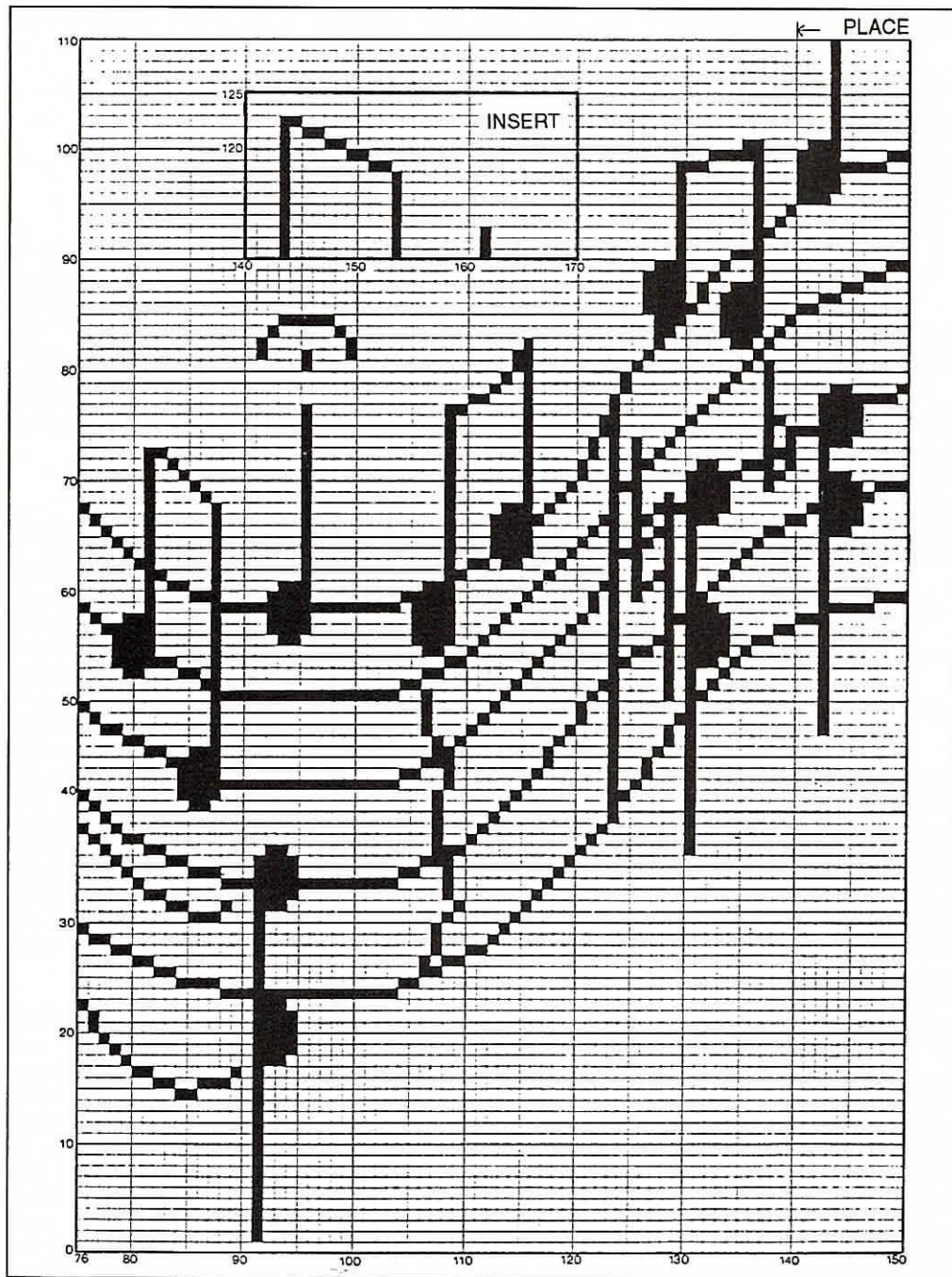
Knit what you see to the left of centre 0 on the left side of the machine and what you see on the right of centre 0 on the right side of the machine. After completing row one, move down to row two. Continue thus until the design is complete.

The design can be enhanced for evening wear by sewing on gemstones, using one colour for the open notes and another colour for the solid notes.

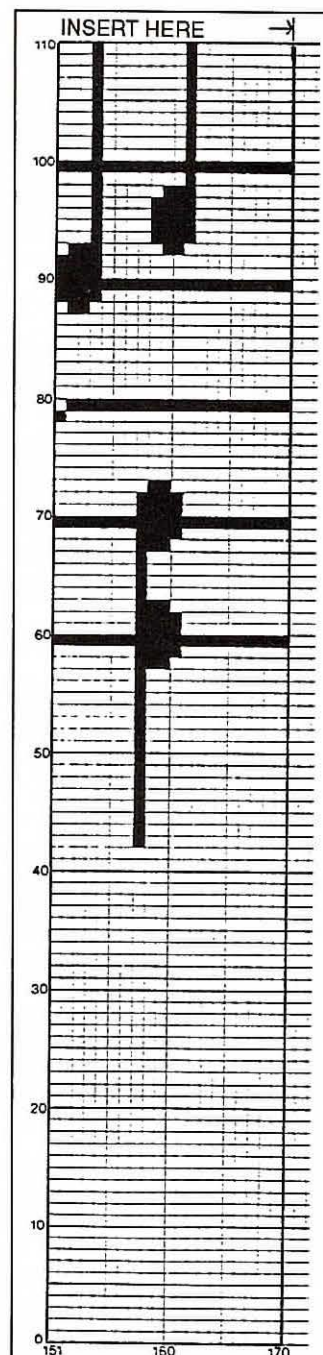
I am now planning a new series for you, the theme of which will concentrate on things to be found in a 'Designer's Notebook'. In it, I will be exploring all kinds of creative ideas for using your knitting machine for things other than garments.

GRAPH 1





GRAPH 2



GRAPH 3

The Woolleys

by Doug Baker



LATCH ON

ADDED EMBELLISHMENTS

There is hardly a craft that I haven't tried at some time or other, but I have always come back to machine knitting as my first love. However, some of the others have come in handy to add to, say, a plain garment.

Joan Lafferty

CROCHET

If we are going to trim our knitting with something else, the most obvious choice would be crochet. Many of us can crochet, at least well enough to add a row of crab stitch to a skirt, or a row of scallops round a neckline. Sometimes a friend will do the addition (in my neck of the woods it's often me!).

While we are talking about crochet, an effective trim on a plain jumper can be a line of double crochet from welt to shoulder, possibly with a row of scallops crocheted on it. Care must be taken in picking up the line of stitches. It is not always necessary to work into each stitch, particularly on thickish yarn. The crochet may not lie flat. Try it out on the tension piece first (you do knit a tension piece, don't you?). Crochet is very quick to work, and even quicker to undo!

HAND KNITTING

In this category we can also put hand knitting – anyone with a 'chunky' machine and no ribber might like to consider first knitting the garment, starting with waste yarn and then adding a welt of garter stitch. It's hardly embellishment – more like pure necessity – but handy just the same. In this context, turning the work over with the garter bar and adding a row of purl stitches in a different colour makes a pretty trim.

SWISS DARNING

The next most obvious decoration is Swiss darning. This is quite easy to do, once you see how a stitch in knitting is created. Have a good look, each stitch is like a little horseshoe, with the open ends pointing downwards. To Swiss darn, you bring the needle up between the 'ends' of the horseshoe, take it round the curved 'neck' (in other words, following the line of the stitch) and take to the back where you first started. I have a little duck on my mylar sheet which is greatly enhanced with one black stitch Swiss darned for the eye and (if the background is suitable) a couple of stitches for the beak. This really does make the little bird stand out. Another of my favourites is a little back stitch, or stem stitch, round the outline. I have the picture of a butterfly about 10 cm, 4 in deep, which makes a splendid single motif on the front of a little girl's jumper. I knit my butterfly in stripes – oddments of random yarn in toning colours are very good for this. Then I stem stitch round the outline with silver lurex thread. This is not the easiest of material to use for embroidery, but the end result is well worth it. Sometimes I go over the antennae in lurex, too.

CROSS STITCH

My Women's Institute has a fortnightly Craft Group; we meet in each other's houses

and 'do our own thing'. At the moment we have several hand knitters, but by far the largest number turn to cross stitch pictures. I dither from one thing to another, sometimes trying to encourage the hand knitters to 'have a go' at sewing up with mattress stitch. (I don't think they are convinced!) Mostly I do a little crochet, but sometimes join the 'cross-stitchers'. It has occurred to me that it would be possible to do cross stitch on knitting. Of course, our stitches are not exact squares, but near enough for this purpose. Cross stitch would possibly be easier to see (and to embroider) than Swiss darning. This would be a useful stitch to put a pattern on thick garments – for example, for knitters with chunky machines that do not have punchcards.

FREEHAND

Talking of punchcards, it is possible to do a little 'embellishment' (without resorting to punchcards or mylar sheets), on the knitting machine itself. Someone asked me to make a child's jumper with a single motif Teddy Bear striding across the front. Somehow, he looked a bit lost in space the first time I knitted him, so I Swiss Darned some random stitches under his feet in green to look like grass. Not 'straight up' lines, this does not look at all like grass, but in some places a couple of stitches deep, then one to the right or left, just as the mood took me. The next time I was asked for this Teddy, I used a random selection of needles pushed right out, but set to knit back. It is only necessary to set for Fair Isle to knit each row. (Incidentally, although Silver Reed and Knitmaster machines do not normally have the needles 'sticking out' for Fair Isle, as Brother and Toyota do, it is still possible to use the hand selection technique and set for Fair Isle.)

So my second jumper had the grass below Teddy's feet, without the necessity to Swiss Darn. Someone may be saying that if I do this Teddy that

often, why don't I mark my mylar sheet? Maybe I will, if I knit him regularly, but I think it is probably as quick to hand select a few stitches, rather than go through the process of instructing the machine what pattern I want and where I want it.

DRAWING

This brings me to designing one's own patterns as an embellishment. I freely admit that I am no artist, when it comes to drawing (I always say the only thing I can draw is the curtains!). However, even I can do geometrical shapes, such as little crosses and diamonds, for example. These are easy, using the graph sheet provided with some punchcards, although one has to consider the confines of the 24-stitch repeat of the punchcard. Not so for the electronic machines, but who wants patterns, say, 59 stitches wide?

If you want geometric designs that are (almost) your own, have you ever looked at a crossword puzzle? No, I don't mean the clues and answers, but consider dropping the printed puzzle on the floor and regarding only the black squares – some make much more attractive patterns than others, and could be the basis of some nice two-colour designs.

I have considerable admiration for those folk who go on the City and Guilds courses, take a photograph of something and produce some sort of pattern from a section of their picture. I must confess my mind does not work like that and I can seldom perceive their design in the original photograph. Not that I don't admire what they have done, I suppose I just have a mental block when it comes to this sort of artistry. So I doubt that I shall be trying to get a City and Guilds certificate!

DYEING

I once overheard two ladies chatting at one of those big Exhibitions. 'All these cones', said one, 'and nothing the

colour I want!'. I mentally asked myself why she didn't dye her own, if she was that fussy, but then she might not have been able to get the colour this way, either. Another myth that I have heard is that you can't dye acrylics. How do the spinners get on then, I wonder? Of course, with any sort of dyeing, you can't dye a dark colour lighter without stripping the first colour and I'm not sure you can even do that these days with colourfast dyes. However, no one says to me that you can't do this or that, without my having to try it out. Well, that's not quite true, if anyone said I couldn't do sky-diving, I would agree with them heartily, but something like dyeing acrylics is another matter.

Over the years I have tried my hand at dyeing, although I must confess mostly old

sheets to make into costumes for school plays! But I did have a go with some wool and some acrylic. This was fairly easy with the 'bought' dyes that come in little tins, giving exact instructions. However, it is more fun, and certainly gives more sense of achievement, to use 'natural' dyes for this purpose, gathered from hedgerows. Just opposite my house is a hedge with some (rather grotty) blackberries growing. I would certainly not eat them – they're not suitable for jam, even. But they did make the basis for my acrylic dye. However, if one is using these natural materials, it is not just a matter of putting the yarn in with the berries and boiling the lot.

To set dyes one has to use a 'mordant' to set the dye and this will differ from dyestuff to dyestuff. My blackberries required Alum and Salt – the

first easy to obtain at the chemist's shop and the latter always to hand. The mordant is sometimes made up first (completely dissolved) then the yarn added, and boiled for up to an hour (sometimes more). It makes one's flesh creep to think of boiling wool, after all, we go to considerable trouble when hand washing it! But it seems to emerge all right from dyeing. Other mordants can be toxic – tin for example – so much care must be taken when using these.

Once used, all utensils should be kept for dyeing only. Unchipped enamel or glass saucepans are best, with a wooden spoon kept specifically for stirring the dyebath. I managed to random-dye some wool, by hanging the skein on a wooden rod and suspending it in the dye, so that the bottom part was dark and the colour shaded

upwards. (My acrylic dyed with the blackberries came out a rather unpleasant shade of fawn, but at least I had tried it out.) If you are really keen on this subject I'm sure you will find a book in the Library, or they will get you one.

Having got this particular 'craft' out of my system, I think I would buy a little tin if I wanted to dye anything again. But with all the lovely colours on sale this is most unlikely. I have almost come to the end of my allotted space, and have not mentioned sequins and beads added to knitwear, or bobbles and knitted motifs applied afterwards, even 'shop bought' ones. No doubt you can think of some more. But what I won't be adding is price tags, coloured with children's felt-tip coloured pens, as I was 'taught' when I went on a knitwear design course – I'm afraid I'm not that artistic!



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D5

SPOTLIGHT

WOOLLEY SOFT WARE

On hearing the news that Woolley Software have been appointed the sole distributors of Singer knitting machines for the British market, we asked Terry Cotton to tell us how this came about.

Terry Cotton

'How did you get started in machine knitting?' asked the husband of a customer. It's one of a range of questions I typically get asked by the bored husband who is killing time while his wife is having an enjoyable knitting session with my partner Sue. The origins go back to the night,

many moons ago, when I was standing in the fish pond. 'What were you doing standing in the fish pond?' I can hear you asking. 'Waiting to catch the knitting machine', would you believe? My wife was determined it should join the fish in our pond, having first had the satisfaction of

throwing it through the studio window. After much pleading from me, between hysterical outbursts from her, we agreed that the fish did not deserve such a cruel fate. However, the future happiness of our household now centred round a contraption designed by a mad professor who couldn't see why husbands should have a peaceful life.

The prevention of my impending insanity came through the letter box in the form of a letter from Sue Woolley. Sue was enquiring if we would be interested in lessons on the knitting machine. After the first few lessons peace and sanity came as a merciful release and I started to take an interest in the mechanics of the knitting machine while my wife was having lessons from Sue. 'Is there a video we can buy on this knitting machine?' I asked Sue during one lesson. 'No', was the reply. 'Why don't we make one?' I suggested. Sue replied that people like us don't make videos – but we did – and from there Woolley Soft Ware started. Some of you may wonder why a company dealing with knitting machines has a name suggesting it sells computer programs. We first thought that we would produce computer disks of new patterns for the 9000 knitting machine but, since making the first one, we have not had the time to finish a second. Finally, in our search for a suitable name, we decided to use Sue's and have a play on words.

Our surnames, Woolley and Cotton, have caused some mirth! There was, for example, the time when we were setting up the company bank account and, having asked for the nature of the business and our surnames, the bank manager leapt from his chair and peered round his door expecting Jeremy Beadle.

I come from an engineering background but Sue has always had her working roots in Singer knitting and sewing machines. Her career began in the fashion houses of London and moved on to making wedding dresses and decorating cakes to match. She joined the Singer company, working in many Singer shops and later became the Company trainer. She's now a familiar face at many of the major knitting shows.

Since the start-up, Woolley Soft Ware has gone from strength to strength, beginning with the teaching videos and then branching into a mail order service for parts and accessories for the Singer machines. We have also developed new accessories for the knitting machines and, in a moment of inspiration, designed the now famous Woolley Weights.

It was in about September '94 that my poor suffering wife enquired if there was a home underneath all this stock and video recording equipment. The time had come to find new premises for the business. As luck would have it, three shops in a row had become vacant in the Hemel Hempstead area and we took all three. The shops opened in December '94. At this point I must give credit to my wife Carol who has supported the business and let us use the happy home to get started.

The core of our business has always been support for the Singer knitters and our long and hard work has certainly brought its rewards. So now we want to share with all of you wonderful Singer knitters our latest big surprise! We at Woolley Soft Ware have now become the sole distributors of Singer Knitting machines and spares for the U.K.!

So how will this affect you, the Singer knitter? Well, let me explain. You will still, I assure you, be able to get your usual service from your local Singer shop. But one thing that will be different is that Woolley Soft Ware is now starting to run classes in different parts of the country. Our first training class on the Singer machines was held in the Hereford Singer shop and was a great success, enjoyed by all. If you want to know about training sessions in your area, then contact us at Woolley Soft Ware on 01442 219298. In our shop at Hemel Hempstead, we cater for the Singer knitters but we also carry a small range of yarn as well as parts for the other makes of machine.

We haven't always got it right. We had a great idea (well it was great at the time) to start a publication called Woolley World for Singer knitters. It would come in the form of a ring binder with colour printed



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patterns, techniques, articles and lots more – Sue designed it around all the things she wanted from a publication when she started knitting. However, before we went to print, a survey of our customers failed to bring in enough orders to cover the cost of the complete publication. Nevertheless, the replies were so enthusiastic, with many pleas for us to proceed that, after much discussion, we decided not to let our supporters down. Three issues have been printed so far and the majority of our readers have been very understanding over the long delays in receiving the next issues.

At this point we would like to thank them for their kindness. The response from our readers was fantastic and we had anticipated that we would be able to sell more copies at the shows to be able to fund the rest of the publication. However we were disappointed as, although knitters complain that there is nothing for the Singer machines, when it came to buying they were a bit shy in supporting us. A final word on the publication – we will be publishing the remain-

ing issues as money becomes available. The sewing machine side of the business is also picking up and we provide a selection of new and secondhand machines.

Another successful venture has been the workshops on Singer and other knitting machines which we run at our Hemel shop. For those who want to venture into the world of computerised knitting machines, we give demonstrations on DesignaKnit and will advise on suitable computers. Or, if preferred, we can supply a complete up-and-running system (second-hand or new computers) so that customers don't have the hassle of setting it up themselves. We believe in the customer seeing it all working first and going away happy that they have got what they wanted. To give each customer this individual attention we would prefer a phonecall first, to set up an appointment for a demonstration with either of us. Also at the shop are our two lovely ladies Micki and Sandy who you may have had the pleasure of talking to. Regards to all the Singer knitters from Sue and Terry.

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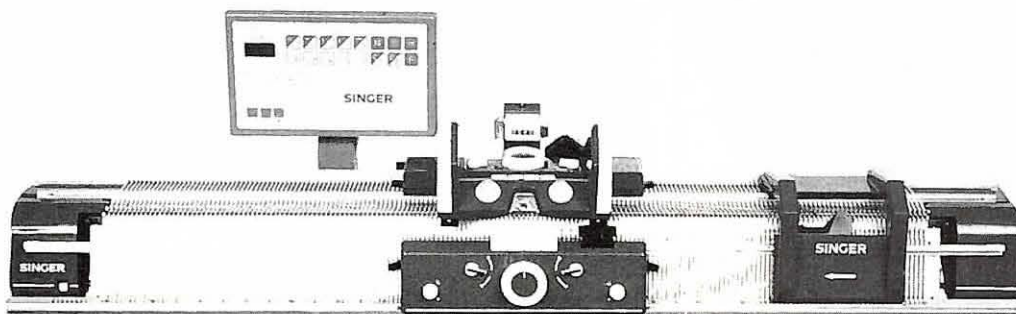
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TEACH-IN

FANCY WELTS

In the October and November issues of *Teach In*, I wrote about improving the effect and finish of basic, single and double bed welts. Now I'm moving on to what you could call fancy welts; welts you may choose to use to give a special effect to a garment.

Ann Kite

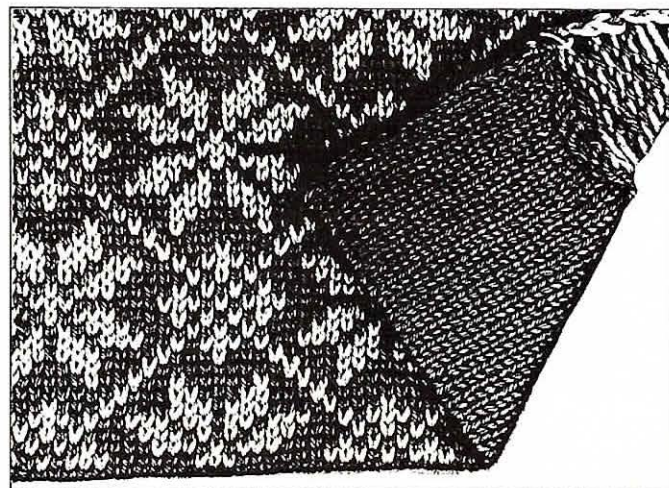
Having said that, I'm going to write about welts, I'm going to start with a 'non-welt' – that is, how to finish a garment so that it doesn't look as if it has a welt at all. You may, for example, wish to knit a Fair Isle jacket which hangs straight, with the Fair Isle starting at the hem line.

A 'NON-WELT'

Numbers in brackets refer to chunky machines. Main tension is stocking stitch tension.

1. Using waste yarn cast on and knit 8 (4) rows.
2. Knit 1 row with the nylon cord.
3. Knit 1 row at main tension using sewing cotton in the same colour as your main yarn.
4. Knit 24 (12) rows at main

Fig. 1



tension minus one.

5. Knit 1 row at main tension plus two.
6. Change to pattern knitting and knit 18 (9) rows at Fair Isle tension.
7. Turn up the hem. Pick up the row of stitches knitted in sewing cotton and place them on the needles.
8. Knit a few rows.
9. Remove the nylon cord and waste yarn.
10. Continue knitting.

Using sewing cotton at Step 3 is not an original idea of mine. I've read, or been told this, somewhere recently, though I'm not sure where. I think it's a good idea to pass on.

Notice that there are more rows of stocking stitch at Step 4, than of Fair Isle at Step 6. This is due to the difference in row tension for Fair Isle and stocking stitch. The number of rows given is correct for my stocking stitch and Fair Isle tensions. You should calculate the number of rows for each part of the hem from your tension swatches.

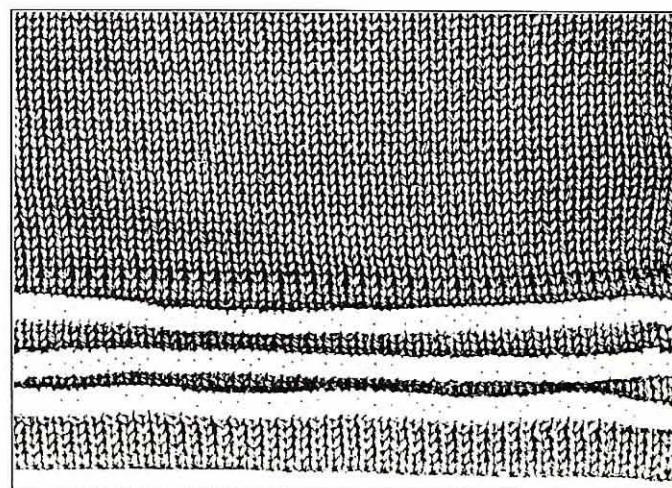
An alternative (see Fig. 1) is to omit Steps 1, 2 and 3. Instead, using the main yarn, do an e-wrap cast on followed by Steps 4 and 5. Then change to Fair Isle knitting and tension and continue knitting the garment. When finishing the garment, turn up the hem and sew in position by hand using an invisible hem stitch. With this version, it isn't necessary to allow for the difference in row tensions.

As ever with knitting, you should test-knit these 'non-welts' and adjust the tension at Steps 4 and 5 to give the effect you want. Now for some real welts.

A basic ribbed welt or mock rib hem can be varied by the addition of a narrow stripe or stripes. You can add the same stripes to the neckband and a button hole band. As well as, or instead of, knitting stripes within the body of the welt, try knitting the cast-on row and the circular rows and one or two rows of the rib in a contrasting colour.

If you're knitting a mock rib hem, use the contrast colour for the fold row and one or two rows before or after the fold row, (depending on which half will be the right side of the hem). Even a plain garment in a single colour can be made different, by adding colour to

Fig. 2



the welts and neck band like this.

A variation on stripes is to knit the stripe as a ridge (see Fig. 2). The ridge is formed by knitting the stripe as a 'mini hem', within the hem.

STRIPED AND RIDGED HEM

1. Cast on and knit 8 (4) rows of stocking stitch in waste yarn.
2. Knit one row with the nylon cord.
3. Change to main yarn. Knit 20 (10) rows at main tension.
4. Knit 1 row at main tension plus one.
5. Knit 4 (2) rows at main tension.
6. Change to contrasting colour yarn. Knit 6 (4) rows at main tension.
7. Pick up the stitches from the first row in the contrast colour and place on the needles. Bring the needles to holding position.
8. Change to main yarn. With holding lever(s) on knit, knit 4 (2) rows.
9. Repeat Steps 6, 7, and 8 twice more.
10. Knit 1 row in main yarn.
11. Turn up hem.

If you want to vary the depth of the hem, when calculating the number of rows to knit in the second half of the hem, each ridge counts as one row. You can also knit the ridges in Fair Isle (see Fig. 3). I used a simple single-row Fair Isle pattern of two punched holes,

two blanks across the card and knitted with the card locked.

FAIR ISLE RIDGED HEM

Work Steps 1, 2, 3 and 4 as for single colour ridged hem.

5. Knit 6 (3) rows in main yarn at main tension.

6. Change to Fair Isle knitting and knit 6 (4) rows at main tension.

7. Pick up the stitches from the last row knitted in the main yarn. (I found it impossible to pick up the first row of stitches knitted in Fair Isle). The last row knitted in the main yarn hides beneath the floats of the first row of Fair Isle. I found it easiest to go in, with the transfer tool, over the first row of floats, to locate and pick up the stitches. Bring the needles to holding position.

8. Change to main yarn. With the holding lever(s) set to knit, knit 4 (2) rows at main tension.

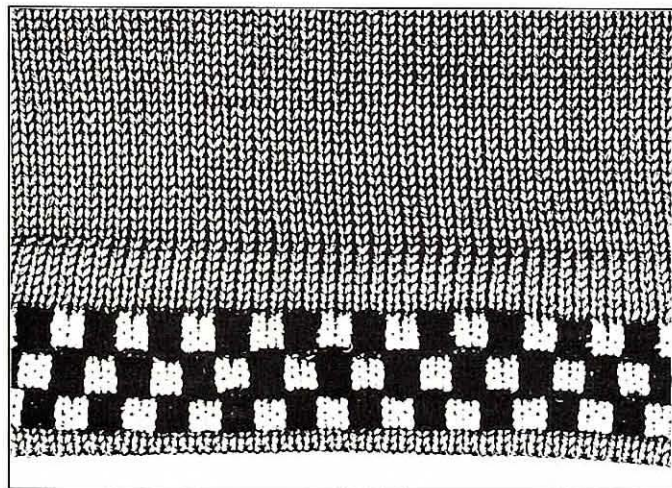
9. Repeat Steps 6, 7 and 8, two more times. When knitting the second ridge, put the yarns in feeders 1 and 2 the opposite way around to when knitting ridges one and three, in order to alternate the pattern.

10. Knit 2 (1) rows in main yarn.

11. Turn up the hem. When knitting this hem, the rows knitted for the ridge do not count at all towards the row-count for the second half of the hem.

In my sample (see Fig. 3), there are more rows above the ridges than below – and

Fig. 3



no – I didn't intend to knit it like this! I didn't realise until I tried it, that I would have to pick up the last row in the main yarn, rather than the first row in Fair Isle. Since this meant the ridge rows didn't add to the length of the hem, it threw all my calculations out. So, altogether now, 'always try a new idea out before launching into a garment'!

With both versions of the ridged hem, the ridges tend to widen the hem, as you can see on the swatch. For a garment, I would knit the hem and garment pieces separately, using fewer stitches for the hem than the garment piece and then join the two on the machine, in the way I wrote about last month. With this method the ridges would have to be knitted during the first half of the hem.

Mention welts and most of us think of ribs, true or mock and stocking stitch hems, but it is possible to knit welts in other stitches (see Fig. 4). The last few years have seen a lot of designs for jackets and sweaters knitted in complex, multi-coloured Fair Isle patterns.

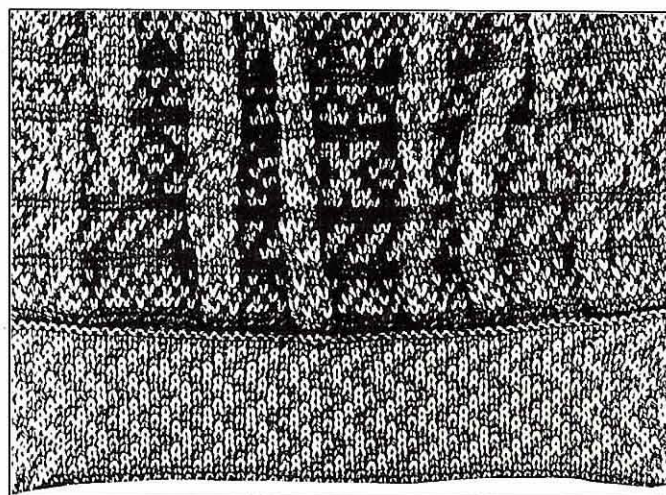
A lot of these use bands knitted in Fair Isle, using a pattern complementary to the pattern used in the body of the garment.

Knit these as you would a single bed stocking stitch band, but use Fair Isle rather than stocking stitch for one half of the band. These bands, too, are usually knitted separately to the main pieces of the garment and joined to the garment on the machine. Using this method, the Fair Isle must be knitted during the first half of the hem.

Again you'll need to test knit and you may have to adjust the tensions and rows knitted so that the stocking stitch and Fair Isle parts of the band are balanced; that is – equal in width and length.

As I said, I have noticed the use of this technique in designer knitted garments. To enlarge your knitting repertoire, buy as many magazines, knitting patterns and collections of designs as you can. Don't only think about

Fig. 4



whether you want to knit a specific garment, look at the designs. Notice how the different parts of the garments are knitted and think about whether you can incorporate some of the ideas into your own knitting.

Next month I'll be writing about scalloped hems.

Finally, Happy Christmas! I hope you manage to find some time, somehow, to play with your machine!



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Designed by

GILDED FAIR ISLE

3

Willow Tree
Knitwear

BACK

With carriage at right and using MT-8/MT-8 and MC, cast on 162 [180] sts at centre of machine in 1x1 rib. K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. Using MT-4/MT-4, K 28 rows. Transfer sts for st st. Insert card and lock on 3rd row. Set RC at 000. Using MT-1, K 2 rows. Release card and cont in Fair Isle patt. Using MT, K 94 rows. RC shows 96. Place a marker at each end *. K 82 rows. Cont in st st. Using MT-1 and MC, K 2 rows. RC shows 180. Push 46 [55] Ns at left and right to HP. Using WY, K a few rows over rem 70 sts and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push rem Ns at left from HP to UWP. Using WY, K a few rows and then release from machine.

FRONT

Work as for Back to *. K 46 rows. RC shows 142 and 38 rows less have been worked to shoulder than on Back.

SHAPE NECK

Note patt row on card. Push 91 [100] Ns at left to HP and cont on rem sts for first side. K 2 rows. Push 5 Ns at neck edge to HP on next and foll alt row, K 1 row. Push 4 Ns at neck edge to HP on next row. Push 3 Ns at neck edge to HP on next and foll 2 alt rows, K 1 row. Push 2 Ns at neck edge to HP on next row. 46 [55] sts. K 21 rows. Cont in st st. Using MT-1 and MC, K 2 rows. Using WY, K a few rows and release from machine. With carriage at right and using a transfer tool, push 71 [80] Ns at left from HP to WP. Lock card on number previously noted. Take carriage to left without knitting. Release card and cont in Fair Isle patt. Using MT, finish to correspond with first side reversing shaping. Push rem 70 Ns from HP to UWP. Using WY, K a few rows and release from machine.

RIGHT SHOULDER

Push 46 [55] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT and MC, K 1 row. Cast off.

NECKBAND

Push 181 Ns to WP. With P side facing, pick up 70 sts across back neck, 21 sts down right side of front neck, 70 sts across front neck and 20 sts up left side of front neck and place on to Ns.

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Brockwell Botany 4-ply. (Yarn Guide No.11.)
1 x 450 g cone in Dusky Pink (MC).
1 x 100 g cone in Beige (A).
1 x 100 g cone in Camel (C).
1 x 50 g cone in Gold (D).
Brockwell Chainette Lurex 4-ply. (Yarn Guide No.11.)
1 x 50 g cone in Gold (B).

GARMENT WEIGHT

Finished garment in second size weighs 540 g.

The fibre content of this Botany Wool is 100% Wool; Lurex is 90% Metallic, 10% Polyester. For further information about this yarn, please write to the following address:- Copley Marshall & Co Ltd., Wild Spur Mill, New Mills, Huddersfield, West Yorkshire HD7 7ET. Tel: 01484 682306.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 87-92 [97-102] cm, 34-36 [38-40] in.
Actual size 102 [114] cm, 40 [45] in.
Length to shoulder 62 cm, 24 1/2 in.
Sleeve seam 53.5 cm, 21 in.

Instructions are written for the first size, larger size follows in brackets. If only one figure is given, it applies to both sizes.

TENSION

31 stitches and 32 rows to 10 cm, 4 in measured over Fair Isle pattern after washing and drying (tension dial setting approximately 8).

For perfect results, please check your tension carefully.

KNITTING NOTES

- We used knit side of knitting as right side of garment.
- Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
- Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern. If only one colour is given, use this colour to knit in stocking stitch.
- When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.
- On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).
- On Brother electronic machines, place pattern over centre 0.

FAIR ISLE PATTERN BACK AND FRONT

K 11 rows MC/A, 2 rows MC, 7 rows MC/B, 2 rows MC, 21 rows MC/C, 2 rows MC, 5 rows MC/D, 2 rows MC, 5 rows MC/D, and 2 rows MC. These 59 rows form pattern.

Unravel WY. Set RC at 000. Using MT-1 and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-4/MT-4, K 30 rows. Transfer sts for st st. Using MT-1, K 1 row. Using WY, K a few rows and release from machine.

LEFT SHOULDER

Work as for right shoulder but read left for right.

SLEEVES

Push 160 Ns at centre of machine to WP. With P side facing and shoulder seam at centre, pick up 160 sts along armhole edge of Back and Front, between markers and place on to Ns. Insert punchcard upside down and back to front and lock on 45th row (electronic machines - lock on 45th row, set to work rows 45 to 1, then

rep rows 59 to 1). Set RC at 000. Using MT-1 and MC, K 2 rows. Release card and cont in Fair Isle patt. Using MT, K 150 rows. Using WY, K a few rows in st st and release from machine.

CUFFS

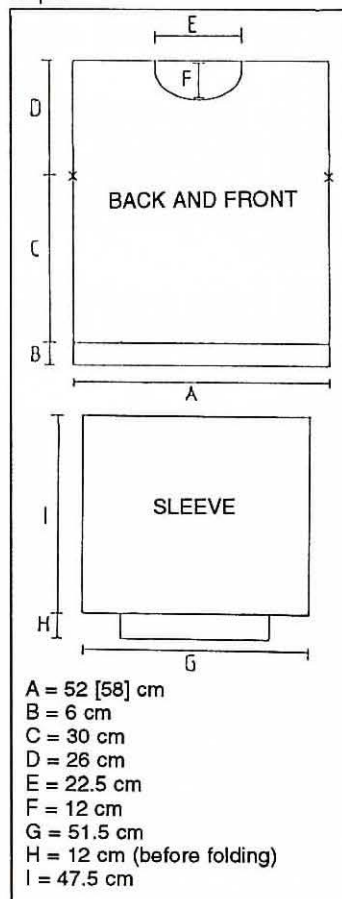
Push 79 Ns to WP. With P side of Sleeve facing, replace 160 sts from lower edge on to Ns as follows:- 3 sts tog on to first N, 2 sts tog on to each of next 77 Ns and 3 sts tog on to last N. Unravel WY. Set RC at 000. Using MT-1 and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-5/MT-5, K 58 rows. Transfer sts for st st. Using MT-1, K 1 row. Using WY, K a few rows and release from machine.

PRESSING

Wash and dry. With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join side, sleeve and neckband seams. Fold neckband and cuffs in half to inside and catch down loops.







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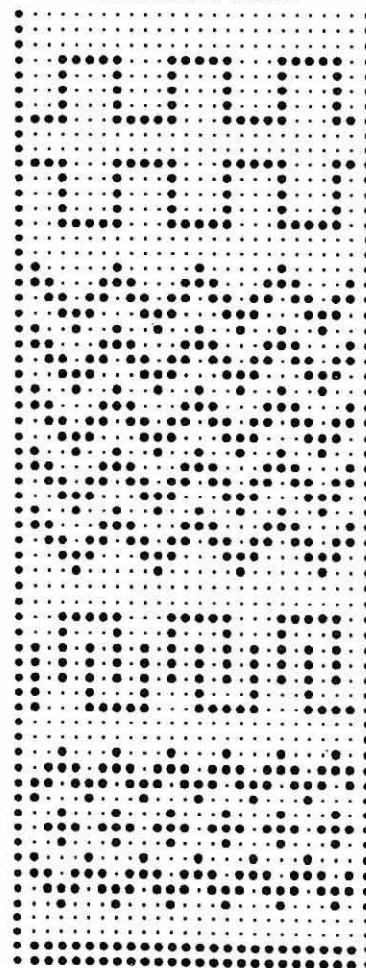
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PUNCHCARD CHART



- - 45th row

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PICTURE KNITTING

LITTLE BO PEEP

Welcome back to Wendy Phillips at the start of a new series of Picture Knitting – for pleasure and profit. Wendy hopes you will indeed profit from using her designs on the knitwear you sell and, to cut your costs, has a monthly Book Offer for *MKM* readers. From 'Little Pictures', we show Little Bo Peep gazing over the hills looking for her lost sheep. Meanwhile at the bottom of the picture, hiding behind some flowers, are the lost animals.

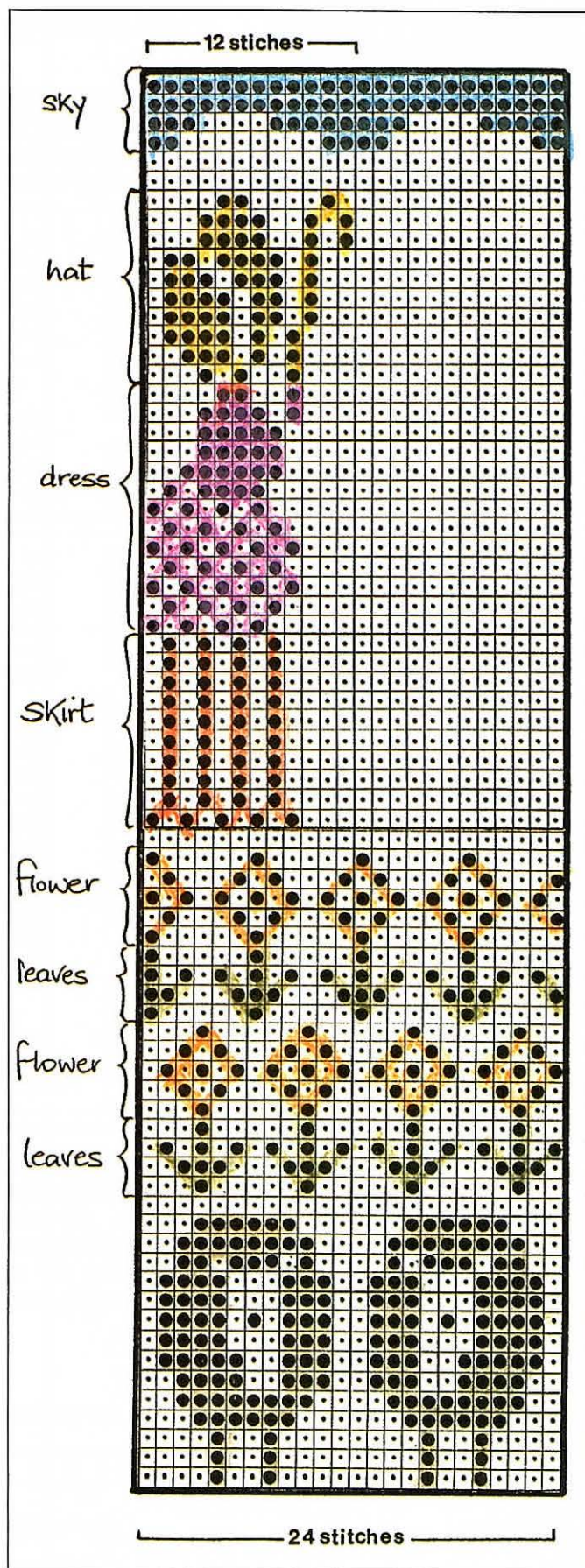
Wendy Phillips

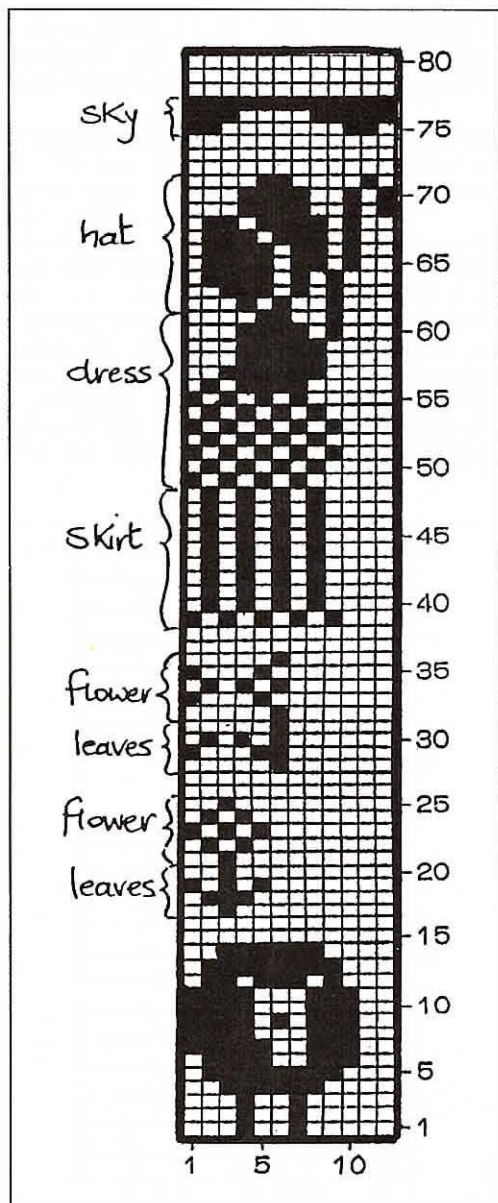
As a knitwear designer, I am frequently asked for patterns of children's favourite cartoon and television characters. Unfortunately, strict copyright laws prevent the reproduction of any of these. Luckily there are many children's favourites which do not fall into this category, nursery rhymes offering a typical example. Little Bo Peep and her sheep, shown here, will be instantly recognisable and little girls will love wearing sweaters with this easy-to-knit picture on the front.

This picture can be knitted on 12 and 24 stitch punchcard machines and 60 stitch electronics. Dark green grass and blue sky will, of course, look most realistic but, knowing little girls' love of pastel shades, you might find pink and white are the preferred background choices. If this is the case, simply knit grey or brown sheep, instead of white. Bo Peep and the flowers must also be knitted in darker tones. Whatever your choice of colours, do ensure that the contrast between the picture and the background is well defined. To make the picture smaller simply omit one row of flowers. To make the design larger, add more rows of flowers and more rows of sheep. If you do add more rows as suggested, vary the

colours for added interest (e.g. a row of red flowers followed by a row of yellow). Finally, don't forget that Little Bo Peep should be knitted as a single motif.

The small girl who wears the sweater you have knitted for her is, without doubt, going to show it off proudly to all her friends at school or play group. So do be prepared for the mothers of these little friends asking you if you could knit something similar for their children. So often these requests take knitters by surprise and, having used small quantities of yarn from their stocks at home they are not able to quote a realistic price for a garment made from new yarn specially for the job. Remember, even if you are able to use quantities of yarn you have in stock, this must be replaced. So, do have some idea of the price you might charge, not only for the yarn, but also for the time it takes to knit the garment.





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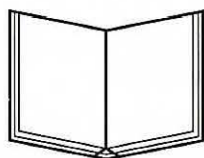
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This month's Wendy Phillips' book offer SAVE £3.00

Little Bo-Peep is just one of the many delightful designs to be found in Wendy Phillips' book 'Little Pictures'. This book contains over 100 patterns (illustrated in colour) cleverly grouped to form pictures small enough for young children's sweaters. Soldiers, robots, trains, cars, boats, animals, teddies and the ever popular liquorice allsorts are just some of the designs featured. All the pictures can be knitted on 12 and 24 stitch punchcard machines as well as 60 stitch electronics.

LITTLE PICTURES (retail price £3.99) is being offered to readers of *Machine Knitting Monthly* for just £1.99 UNTIL 31st JANUARY 1996.

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07

SINGER SPECIAL

KNITTING COMPUTER BASICS - Part 2

If you knitted your tension swatch last month, you will be ready to knit the Fisherman's rib sweater with me. So, first measure the swatch and make a note of the measurement of 40 stitches and 40 rows in millimetres. Remember to halve the total measurement if you knit 80 stitches and rows as I suggested.

Angela Gordon

MAKE KNITTING NOTES

When following one of the printed Knitting Computer patterns, there will be brief instructions beneath the tables of codes. If we have used a Knitting Computer program simply for the actual measurements we require, it will be necessary to make our own notes about how we will knit each piece. To knit the Fisherman's rib sweater I chose a Knitting Computer program which was originally written for a jacket in a single size. It just happened to have the shape and measurements I required for my sweater.

One thing you will notice about this program is that, if you compare it with the table of line meanings printed last month, it does not follow the normal code structure. The table is only correct for standard sweater programs and even then may differ over programs from different sources. For example, in the jacket program lines 1 to 5 are the same but lines 6 and 7 are nothing to do with the hip measurement.

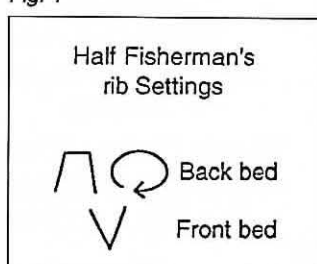
Knitting Computer programs for standard sweaters will normally have a rib to start the pieces. The jacket program I have chosen does not, but if it did I would just enter the 'Length in mm of 40 rows rib'

the same as my main tension and knit it as part of my main fabric. The sweater will still be the correct length because we have entered the Total Length required.

So let's make some knitting notes, as follows:-

1. Cast on in full needle rib with zig-zag and 2 circular rows.
2. Knit 3 rows full needle rib at tension 1/1.
3. Set carriages to half Fisherman's rib setting, as shown below in Fig. 1.
4. Transfer to back bed and strip off with waste.

Those are our basic instructions, which will be adequate for most experienced knitters to start knitting. New knitters will obviously need a little more detail and I will now provide this as a step-by-step walk through, knitting the



pieces as we go.

NOW KNIT

Thread up the tension mast with main yarn and a contrast to use for waste knitting.

Switch on Knitting Computer and key in the figures from the adjusted column of the table below (Fig. 2) and on the next page (Fig. 3).

Run through the Program Check by pressing the E key. When you have finished checking the figures the figure 1 and 118 will be flashing alternately. The 1 tells us to cast on and the 118 is the number of stitches to cast on. The number of stitches to cast on will be different if your tension swatch measures more or less than mine.

Press the STOP key (number 8 key) to halt the computer advancing as we cast on.

Bring 118 needles to work on the front bed and 117 on the back bed. It is best to have the edge stitches knitting on every row, so we flank the back bed needles (which will tuck on alternate rows) with a front bed needle at each end. With bed spacing at 3, nee-

Fig. 2

dles alternating so they don't crash and carriages on the right, thread yarn into the feeder and with tension dials at 1/1, knit the zig-zag row. Insert the cast-on comb and hang weights evenly on to the work. Just use a small one on each end for the cast on, then increase by adding the central heavy weight.

Even and adequate weights are essential for the correct knitting of Fisherman's rib - too little and the stitches will ride up on the needles, too much and they will not knit off properly. Initially, I used the large weight in the centre of the comb and a small one on each end but once the work had progressed far enough I used the Woolley Weights large bar and magnets.

Set both carriages to circular knitting and knit two rows (one on each bed). Change carriage settings to knit (both V keys depressed) and knit three rows. This should leave carriages on the right. Change the tension to 2.5/2.5 ready for the main knitting. Press the GO key on the Knitting Computer, set your manual row counter to 000 and follow the instructions,

BACK (and front)	
Original	Adjusted
118	118
140	140
H	51
L	187
158	158
3	3
3	3
38	38
158	158
3	3
3	3
50	50
75	75
E	65
100	100
184	184
136	136
7	7
36	36
0	0

which will first show how many rows you have to knit without any shaping and will count down as you knit. Remember to adjust the weights as you knit.

Setting the row counter to 000 at the beginning of the program will be very useful if we have to switch off part way through a garment piece, or if the power fails as it did on me about an hour ago!

If you are knitting at the same tension as me, you should knit 312 rows without shaping. The -11 will appear instructing you to cast off 11 stitches at the carriage side. This will happen again on the next row and then you will knit straight for another 198 rows.

The Knitting Computer should make a noise to alert you to the shaping instructions. Mine, which is an old model, only beeps on the left, which is normally after the shaping has been done on the right side. I therefore keep an eye on the display as the countdown gets to the final few rows.

Before knitting the last row, change the tension on the front bed to 5 and knit the last row looser. Transfer all stitches to the back bed. Change to waste yarn and knit eight rows, then remove work from the needles by taking the empty carriage across the work. Take care to remove the weights and tension the work by hand before taking the empty carriage across to avoid sore toes!

After knitting the last row, the display will show 5, indicating that the piece is finished. The Knitting Computer will emit regular beeps telling you that it is waiting for the next instruction. Ignore it for now and repeat the cast on and three rows full needle rib for the second piece.

Now just press the GO key and the instructions will be repeated for a second, identi-

cal piece. Remember that we are knitting two backs and shaping the neck by cut and sew. To knit a different front we would have to key in new program numbers.

On the front piece, place markers for the neck depth and stop when the countdown shows 70 after the armhole shaping. Place a length of contrast yarn around the neck of several stitches in the centre of the work, pulling the ends through beneath the bed. On the last but one row, place marker threads on needle 20 at both left and right of centre.

The sleeves are knitted in the same way but there will be regular increases at both edges every 14 and then 16 rows. Just follow the instructions given by the computer. Do take care to weight the edge stitches carefully. I use the long claw weights for this and then move the Woolley Weights up after I have worked several increases.

Knit the neck band following the instructions in the pattern. The back neckline can either be cut out to a depth of about 1.5 cm or the open stitches can be cast off with a latch tool or crochet hook.

To complete the neckline, all that remains is to sew and cut out the front neckline, join the shoulders and sew on the neck band. Finally, set the sleeves into the armhole by picking up and then finish by sewing the side and sleeve seams. Experienced knitters might prefer to finish the neck band on the machine with a traditional envelope band.

Knitting with the Knitting Computer takes away all the calculating normally required to work out a pattern using your own yarn and tension. It is a fairly simple tool that can give the knitter a lot of freedom to design their own garments. Practise using it and I'm sure you will find it invaluable.

SLEEVES	
Original	Adjusted
118	118
140	140
H	51
L	187
82	82
3	3
3	3
38	38
146	146
3	3
3	3
48	48
53	53
E	49
98	98
7	7
2	2
0	0

Fig. 3

Next month we shall be looking at a computer program for IBM compatibles - not the DesignaKnit link, because it is unfortunately not yet completed for the 2331/2310, but a program called Knit90. I am

going to enjoy trying this out (down with Geometric cards!). I helped a lady who was using the program on one of my DesignaKnit residential courses and became intrigued. Read all about it next month.

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SNOWMAN

Yarn required:-
Small amounts of White (A), Red (B) and Black (C).

BODY

Push 41 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using A, K 28 rows. Using B, K 2 rows. Pick up loops from first row worked in A and place on to corresponding Ns. Unravel WY when work is completed. Using A, K 10 rows. Transfer alt sts. K 1 row and thread off.

HAT

Push 35 Ns to WP. Using C, cast on using e-wrap method. Using MT+2, K 2 rows. Using MT+1, K 2 rows. Using MT, K 10 rows. Transfer alt sts. K 4 rows and thread off. Pull up yarn, secure and join seam.

SCARF ENDS

Push 16 Ns to WP. Using B, cast on using e-wrap method. K 1 row. Cast off.

MAKING UP

Mark position of eyes with pins, six rows above section knitted in B, leaving five clear knitted stitches between. Using C, make a few horizontal stitches over marked stitches. Mark position of mouth with pins, three rows below eyes, leaving three clear stitches between. Using C, sew a 'V' shape. Using B, make a few horizontal stitches for nose. Using C, make a few horizontal stitches down front for buttons. Fold scarf in half and sew fold to section knitted in B. Pull up yarn at top of head, secure and join seam. Place a small amount of stuffing in hat and sew on to head.

FATHER CHRISTMAS

Yarn required:-
Small amounts of Red (A), Peach (B), White (C) and Black (D).

BODY

Push 41 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using A, K 30 rows. Pick up loops from first row worked in A and place on to corresponding Ns. Unravel WY when work is completed. K 1 row. Using B, K 9 rows. Transfer alt sts. K 1 row and thread off.

HAT

Push 35 Ns to WP. Using C, cast on using e-wrap method. K 8

CHRISTMAS EGG COSIES

4

PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for standard gauge machines.

MATERIALS

Oddments of 4-ply yarn.
Lurex in Gold.
A small amount of polyester stuffing.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

TENSION

We used tension dial setting 8 as main tension (MT) throughout, unless otherwise stated.

KNITTING NOTES

- We used knit side of knitting as right side, unless otherwise stated.
- You may find it easier to sew hats on egg cosy bodies by first placing cosy on a hard boiled egg.
- 'E-Wrap' method means break yarn then thread end through sts and release from machine.
- 'Transfer alt sts' means transfer every alt st on to adjacent N and push empty Ns back to NWP.

rows. Using A, K 8 rows. Transfer alt sts. K 2 rows. Using C, K 4 rows and thread off. Pull up yarn, secure and join seam. Wind a length of C around Hat at last row knitted in A to form bobble.

BEARD

Push 21 Ns to WP. Using C, cast on using e-wrap method. K 13 rows. Transfer alt sts. K 1 row. Pull up yarn and secure.

MAKING UP

Mark position of eyes with pins, six rows above colour change, leaving five clear knitted stitches between. Using D, make a few horizontal stitches over marked stitches. Mark position of mouth with pins, three rows above colour change, leaving three clear stitches between. Using A, sew a 'V' shape. Pull up yarn at top of head, secure and join seam. Using P side as right side, sew on beard. Using C, embroider moustache and then sew Hat on to head.

CHOIR BOY

Yarn required:-
Small amounts of Red (A), White (B), Peach (C), Yellow (D) and Black (E).

BODY

Push 41 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using A, K 20 rows. Using B, K 10 rows. Pick up loops from first row worked in A and place on to corresponding Ns. Unravel WY when work is completed.

NECK FRILL

K 4 rows. Transfer every alt st on to adjacent N, leaving empty Ns in WP. K 4 rows. Make a hem by placing loops of first row of neck

frill on to corresponding Ns. K 1 row. Using C, K 9 rows. Transfer alt sts. K 1 row and then thread off.

HAIR

Push 27 Ns to WP. Using D, cast on using the e-wrap method. K 7 rows. Transfer alt sts. Using MT-2, K 2 rows. Thread off. Pull up yarn, secure and then join seam.

MAKING UP

Mark position of eyes with pins, six rows above neck frill, leaving five clear knitted stitches between. Using E, make a few horizontal stitches over marked stitches.

Mark position of mouth with pins, three rows above neck frill, leaving three clear stitches between. Using A, sew a diamond shape. Pull up yarn at top of head, secure and join seam. Using P side as right side, sew hair on to head.

PLUM PUDDING

Yarn required:-
Small amounts of Brown (A), White (B), Green (C) and Red (D).

PUDDING

Push 41 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using A, K 30 rows. Pick up loops from first row worked in A and then place on to corresponding Ns.

Unravel WY when completed. K 1 row. Using B, K 9 rows. Transfer alt sts. K 1 row and thread off. Pull up yarn, secure and then join seam.

Ruth Cox

HOLLY LEAVES (KNIT 2)

Push 13 Ns to WP. Push 2nd and every foll alt N back to NWP. Using WY, cast on and K a few rows ending with carriage at right. Using C, K 2 rows. Push empty Ns back to WP. K 3 rows. Pick up loops from first row worked in C and place on to alt Ns. K 1 row. Cast off.

MAKING UP

Fold holly leaves in half and join centre seam. Sew to top of pudding. Using D, make a few stitches on top of each other for berries.

ROBIN

Yarn required:-
Small amounts of Beige (A), Red (B) and Black (C).

BACK BODY

Push 31 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using A, K 30 rows. Pick up loops from first row worked in A and place on to corresponding Ns. Unravel WY when work is completed. K 10 rows. Transfer alt sts. Using MT-2, K 2 rows. Thread off.

FRONT BODY

Push 11 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using B, K 30 rows. Pick up loops from first row worked in B and place on to corresponding Ns. Unravel WY when work is completed. K 8 rows. Using A, K 2 rows. Transfer alt sts. Using MT-2, K 2 rows and then thread off.

WINGS (KNIT 2)

Push 9 Ns to WP. Push 2nd and every foll alt N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at right.

Using A, K 4 rows. Push empty Ns back to WP. K 6 rows. Pick up loops from first row worked in A and place on to alt Ns. K 2 rows. Transfer alt sts. K 1 row and thread off. Pull up yarn and secure.

MAKING UP

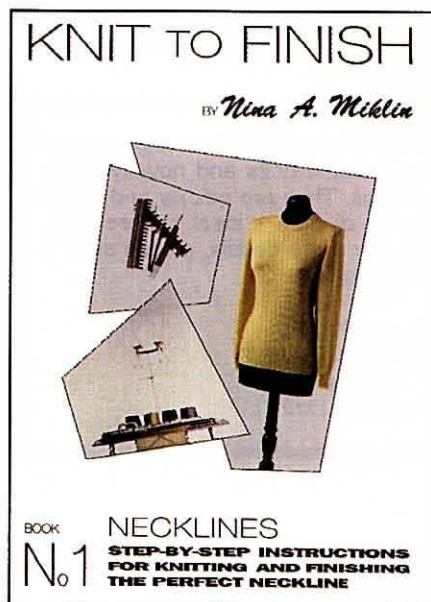
Mark position of eyes on front body with pins, four rows below section knitted in A, leaving four clear stitches between. Using C, make a few horizontal stitches over marked stitches. Mark position of beak with pins, three rows below eyes.

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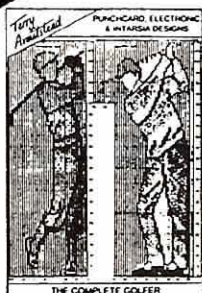
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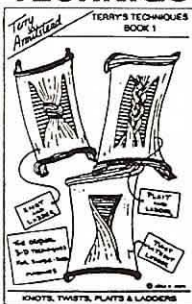
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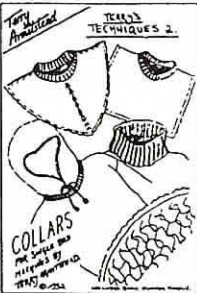
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Using C, make a french knot, winding yarn six times around needle. Join sides of back and front body tog. Pull up yarn at top of head and secure. Sew wings into position, sewing one side along body seam and the other along the top of the hem (it is only necessary to sew along half of this side).

LANTERN

Yarn required:-

Small amounts of Blue (A), Yellow (B) and Gold Lurex (C).

TO KNIT

Push 41 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right.

Using A, K 19 rows. Using B and C tog, K 6 rows. Using A, K 1 row. Using B and C tog, K 6 rows. Pick up loops from first row worked in A and place on to corresponding Ns. Unravel WY when work is completed. Using A, K 6 rows. Pick up loops from first row above previous hem and place on to corresponding Ns. K 8 rows. Transfer alt sts. Using MT-2, K 2 rows. Thread off.

MAKING UP

Using A, Swiss dam or chain stitch the vertical stripes, leaving nine clear stitches between each stripe, pull up yarn at top, secure and join seam. Using A, crochet a chain 3 cm, 1 in long for loop at top of lantern and then sew to top.

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MASTERCLASS

CHRISTMAS GIFTS

Wonderful, wondrous Christmas! All glitter and gold dust, holly and silver, robins, angels and snow. Always that lovely feeling of anticipation on the days leading to Christmas.

Mary Dowse

Although I no longer hang up my stocking on Christmas Eve, I still wouldn't be very surprised to look out of the window and see a sleigh drawn by reindeer dashing past in the middle of the night. Forget the commercialism which

can creep in and never lose that sense of wonder we all have in the beginning.

Over the past few years, I have suggested quite a lot of ideas for Christmas presents from bed-

spreads and cushion covers, sweaters and scarves to necklaces in Lurex and figures for the Christmas Crib. All these still work beautifully, but what is especially new this year?

HEAD SCARVES

One of the most surprising returns, after years of joking, is the square or triangular head scarf of 60 years ago, suddenly high fashion and very easy to knit if you fancy a knitted one.

There are very many ways of achieving a knitted square – plain knitting, Fair Isle knitting, furry knitting, Lurex knitting, knitting for every occasion. The easiest, of course, is to cast on over all needles, knit enough rows to make a square and cast off. The actual number of stitches will depend on the thickness of your yarn and the tension you use.

You could finish this by knitting a simple hem or decorative edge or

you could try a square knitted by beginning on one or two stitches on the machine at centre 0, increasing one each side every row to all needles, then decreasing every row back to 0. This makes a less curling edge. In theory it sounds wrong, as it should be increased by one stitch at the beginning of every row – but for some reason this doesn't always work. You can also knit a series of triangles by beginning at one edge of the machine and later joining them together in various ways.

If you really feel that you can't cope with knitting them, how about a silky, neatly hemmed square embellished with your Jones Tones? Wear them tied under the chin – à la Royal Family – or tie at the back or wear them with a hat ... or invent your own way!

HATS AND BAGS

If you want another idea for

EVENING SPARKLE

5

PATTERN RATING

Easy to knit with hardly any shaping.

MACHINES

This Christmas sweater can be knitted on any standard or fine gauge, single bed machine with pattern facility.

MATERIALS

1 x 300 g cone Celandine fine Kid Mohair, Dawn, in white. Approximately 2000 m fine flat Lurex. (I used the remains of three Bramwell cones so that I didn't need to wind them, but one cone is more than enough.) If you are going to wind it, wind three cones separately but put them through the same tension mast. Wound together, the threads tend to work unevenly.

SIZES

To fit sizes 10-14 [16-20, 22-26].

TENSION

Approximately 30 stitches and 50 rows to 10 cm, 4 in. Approximately tension 4 on standard gauge and tension 6 on fine gauge Silver Reed or Knitmaster machines; tension 3 on standard gauge and tension 5 on fine gauge Brother machines. This yarn does seem to stretch sideways more than the same thickness in wool.

For perfect results please check your tension carefully.

TO KNIT

Start at lower front edge and cast on 160 [180, 200] sts at centre of machine in waste yarn. K 15 rows. Make a hem as follows:- Change to main yarn and using MT-2, K 50 rows. Change to lurex and using three strands together as one, K 2 rows. Transfer alternate stitches to adjacent needles and K 1 row on these alternate needles to form a

picot edge. Push all needles to knitting position, K 2 rows. Change to mohair in main feeder, lurex in front feeder and Fair Isle pattern. Change to MT. K 50 rows in pattern. Pick up first row of main yarn to make a hem. Change to plain knitting. K 140 [150, 160] rows. Mark side edge for sleeve. K 75 rows.

SHAPE NECK

Shape each side separately.

At the left, push out 80 [90, 100] Ns to HP and set machine to hold. At right, dec 1 st at centre of work on every alternate row 20 times. Mark shoulder. Inc 1 st 20 times at centre of work. Push all needles at right to HP and repeat neck shaping at left. All needles are back in WP. K 75 rows. Put in sleeve markers. Knit 140 [150, 160] rows. Make a hem as at beginning (make sure pattern is the right way up as back is knitted downwards). Cast off loosely.

SLEEVES

Between sleeve markers, pick up stitches on 180 needles (90-0-90). If your arms are very large, use 200 needles (100-0-100) but this is not usually necessary. K 2 rows in main yarn. Change to Fair Isle pattern (make sure pattern is the right way up as sleeves are knitted downwards) and using MT+2 to allow for pattern, K 150 rows. Change to plain knitting and MT-2. K 15 rows, K 1 row loose, K 15 rows. Pick up first plain row (although this is not a looser tension, it is easy to see after the pattern knitting). Cast off loosely using a transfer tool.

NECK BINDING

Cast on 14 sts in waste yarn. Change to main yarn, either plain or with the addition of one silver strand. Knit enough to go round neck, plus 2 cm, 1 in extra, so that you can tack binding round neck and unravel a few rows, where necessary, to graft the two ends

neatly. Sew invisibly on both sides of binding over neck edge. Use a matching belt or knit a length as for neck binding approximately your waist measurement plus 60 cm, 24 in. (Close cast on and off.)

Sew and neaten all seams, using fine, loose oversewing and taking in one stitch only on each side. Don't use mattress stitch, or back stitch the seams, as this spoils the lightness of the mohair fabric. Steam lightly but well and hang on a padded hanger or on a dress stand to 'settle'. The sweater is best stored on a paddle hanger and is best hand-washed and dried flat. It can also be knitted plain – without the Fair Isle patterning – and decorated or not as you wish. I decorated the original using one tube of pearl and one tube of silver knitting beads, using them fairly heavily on the hem and round the neck. The extra weight at the hem helps to keep the sweater in shape, when worn. You could decorate the sleeves as well, but you would need more beads – approximately two tubes of each colour.

I sewed the beads on rather than knitting them in, as the amount used and the placing is very much a personal choice and, if this sweater is intended as a Christmas present, you can then take as much or as little time as you can spare!

Christmas, how about the hats I showed you last month? There must be one of your friends or loved ones who would love a flowery or quite simple hat – perhaps a fun 'Fair Isle' one just for Christmas with a pattern of holly or stars.

The other really new fashion accessory, fiendishly expensive to buy, but not too difficult to knit, is a beaded bag. These are simple drawstring or envelope shape. You can knit this on your machine but I confess that I have always found beaded knitting by hand quicker to do. Either way, it's not difficult though here again you could cheat by decorating plain knitting with bead-like blobs of plastic paint.

BEADED SWEATER

Above all, Christmas is always glitter time – red and gold and green, white and silver – so I have designed a really pretty sweater in fine, white kid mohair and silver Lurex.

It has Fair Isle at the hem and on the sleeves, with added pearl and silver beads and is designed to wear especially at Christmas time or, in different colours, at any time. It is quick and simple to make, to wear either loose and straight or tightly belted, either long or else short enough to skim the waist for parties.

You can use whatever Fair Isle pattern you like. I used one of my own for the hem and one which came with my machine for the sleeves. Just to prove that I can alternate between my standard and fine gauge machines, I knitted the body on a standard gauge machine and the sleeves on a fine gauge machine two tensions looser.

I enjoyed knitting this, but if you want to make it even more quickly, why not knit it plain and decorate it with a 'renaissance' necklace of Jones Tones? This would, I think, work better than decorating the hem and sleeves, since no paint, however good, is actually improved by friction!

I teamed the sweater with very simple baggy Lurex pants, great for dancing and now I want to design some more Lurex clothes to be worn with sweaters or cardigans. They are very suitable for last-minute Christmas features so next month I'll tell you how to make them – and I hope you all have a lovely, wonderful and magical Christmas!



Designed by

BACK

With carriage at right and using MC, cast on 88 [96, 104, 112, 120] sts at centre of machine in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 22 rows. Transfer sts for st st. Set RC at 000 **. Using MT, K 58 [70, 80, 88, 96] rows. Using B, K 2 rows. Using C, K 2 rows. RC shows 62 [74, 84, 92, 100]. Place marker at each end. Using A, K 52 [54, 58, 60, 64] rows. RC shows 114 [128, 142, 152, 164].

SHAPE SHOULDERS

Cast off 10 [11, 12, 10, 10] sts at beg of next 4 [4, 4, 6, 4] rows and 10 [11, 12, 9, 11] sts at beg of foll 2 [2, 2, 2, 4] rows. Using WY, K a few rows and release from machine.

FRONT

Work as for Back to **. Using MT, K 14 [22, 28, 32, 36] rows. Set machine to hold.

FIRST SNOW SLOPE

Push 44 [48, 52, 56, 60] Ns at left of centre 0 to HP. * K 1 row. Push 1 N at carriage end to HP, K 1 row. Push 1 N at opposite end to carriage to HP *. Rep from * to * 21 [23, 25, 27, 29] times more. All Ns in HP. Cut yarn. Take carriage to left.

SECOND SNOW SLOPE

Push 44 [48, 52, 56, 60] Ns at left of centre 0 from HP to UWP. Using MC, rep from * to * 22 [24, 25, 28, 30] times more. All Ns in HP. Cut yarn.

BACKGROUND SNOW

With carriage at left, push N 1 at left of centre 0 from HP to UWP reset RC to 15 [23, 29, 33, 37]. Using B, K 1 row. ** Push 1 inside N at each side from HP to UWP, K 1 row; rep from ** 42 [46, 50, 54, 58] times more. Push rem N from HP to UWP, K 1 row. RC shows 60 [72, 82, 90, 98]. Insert card and lock on first row. Set for single motifs over centre 48 Ns. Using C, K 2 rows. Place marker at each end. Release card and cont in Fair Isle. K 18 rows A/D. Remove card. Cont in st st and A. K 20 [18, 22, 20, 24] rows. RC shows 100 [110, 124, 130, 142].

SHAPE NECK

Push 49 [53, 57, 62, 66] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on next 9 [10, 11, 11, 12] rows. 30 [33, 36, 39, 42] sts. K 4 [7, 6, 10, 9] rows.

SHAPE SHOULDER

Cast off 10 [11, 12, 10, 10] sts at beg of next and foll alt row, K 1 row.

4TH AND 5TH SIZES

Cast off [10, 11] sts at beg of next row, K 1 row.

MIDNIGHT SNOWMAN

6

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Bramwell Fine Four Ply. (Yarn Guide No.11.)
1 x 500 g cone in White (MC).
1 x 500 g cone in Royal (A).
A small amount in Light Grey (B), Dark Grey (C), Black (D), Red (E) and (optional) an oddment in Orange (F).
Twilley's Goldfingering. (Yarn Guide No.11.)
A small amount in Gold or Silver (G).
Polyester stuffing.
4 buttons (optional).
Crochet hook.
Fabric paints (optional).

GARMENT WEIGHT

Finished garment in first size weighs 110 g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F W Bramwell & Co, Unit 5, Metcalf Drive, Altham Lane, Accrington, Lancashire BB5 5TU. Tel: 01282 779811.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit chest 51 [56, 61, 66, 71] cm, 20 [22, 24, 26, 28] in.
Actual size 57 [62, 68, 73, 78] cm, 22½ [24½, 27, 29, 31] in.
Length to shoulder 33.5 [37, 40.5, 43, 46] cm, 13½ [15, 16, 17, 18½] in.
Sleeve seam 22.5 [25, 30, 32.5, 35] cm, 9 [10, 12, 13, 14] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial setting approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

- We used knit side of knitting as right side of garment.
- Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.
- Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern. If only one colour is given, use this colour to knit in stocking stitch.
- On Brother electronic machines, place pattern over centre 0.
- On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).

ALL SIZES

Cast off rem 10 [11, 12, 9, 11] sts. With carriage at left, push 39 [43, 47, 50, 54] Ns at left from HP to UWP and finish to correspond with first side, reversing shaping. Push rem 28 [30, 32, 34, 36] Ns from HP to UWP. Push 8 [10, 10, 13, 13] adjacent Ns at left and right from NWP to WP. 44 [50, 52, 60, 62] Ns. Pick up 8 [10, 10, 13, 13] sts along each side of neck and place on to empty Ns. Using A, K 1 row. Using WY, K a few rows and release from machine.

SLEEVES

With carriage at right and using A, cast on 46 [48, 52, 54, 58] sts at centre of machine in 1x1 rib. Work as for Back from * to **. Using MT, shape sides by inc 1 st at each end of next and every foll 4th [4th, 5th, 5th, 5th] row until there are 78 [82, 88, 90, 96] sts. K 9 [15, 14, 24, 29] rows. RC shows 70 [80, 100, 110, 120]. Cast off.

PRESSING

With wrong side facing, block knitting by pinning out all pieces

Maggie Andrews

to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

BARE TREE (APPLIQUE) ROOTS

* Using C, cast on 3 sts by hand. Set RC at 000. Using MT-1, K 10 [12, 14, 16, 18] rows. Push Ns to HP *. Set machine to hold. Rep from * to * 4 times more.

TRUNK

Push 10 Ns to WP. With carriage at right and using a treble transfer tool, transfer the 5 roots on to the 10 Ns, overlapping the sts where necessary. Set RC at 000. Using MT-1 and C, K 34 [38, 42, 46, 48] rows.

SHAPE BRANCHES

Push 8 Ns at left to HP. * Inc 1 st at right edge. 3 Ns in WP. K 36 rows. Transfer outside sts on to centre N and fasten off *. ** Push the next 2 Ns from HP to UWP. Inc 1 st at right edge. 3 Ns in WP. K 24 rows. Transfer outside sts on to centre N. Fasten off **. Push next 2 Ns from HP to UWP. Inc 1 st at right edge. 3 Ns in WP. K 30 rows. Transfer outside sts on to centre N. Fasten off. Rep from ** to **. Push the last 2 Ns from HP to UWP. Rep from * to *. Steam tree trunk lightly to unroll the edges. Leave to dry.

TRUNK PADDING AND BRANCHES

Using C, cast on 10 sts by hand. Set RC at 000. Using MT-1, K 34 [38, 42, 46, 48] rows. Dec 1 st at right edge. 9 sts.

SHAPE BRANCHES

Push 6 Ns at left to HP. K 15 rows. Transfer outside sts on to centre N. Fasten off. Push the next 3 Ns from HP to UWP. *** K 20 rows. Transfer outside sts on to centre N. Fasten off ***. Push the last 3 Ns from HP to UWP. Rep from *** to ***. Allow to roll and do not steam.

EMBROIDERY AND APPLIQUE

Using the photograph as a guide, sew the tree roots in position. Place rolled-up padding under the tree trunk with branches coming out of the top and then sew the trunk in place. Sew all the branches in position. Using C, make some twigs with chain stitch and straight stitches. Swiss dam the moon from the chart with G, placing the top alongside the last shaping at the neck and make a few cross stitches with MC for stars.

Designed by

SUNSET SNOWLADY

7

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for standard gauge punchcard or electronic machines with a ribber.

If you don't have a ribber, work ribs in mock rib.

MATERIALS

Bramwell Fine Four Ply. (Yarn Guide No.11.)

1 x 500 g cone in White (MC).

1 x 500 g cone in Dark Peach (A).

A small amount in Light Grey (B), Medium Grey (C), Yellow (D), Lemon (E), Blonde (F), Light Peach (G), Peat Brown (H), Dark Green (I), Red (J), Light Mauve (K), Black (L), Sugar Pink (M) and Blue (N).

Polyester stuffing.

Fabric paints (optional).

4 buttons (optional).

Crochet hook.

Cat button and house button. Ceramic house button is available from Incomparable Buttons, April Cottage, Nags Head Lane, Great Missenden, Buckinghamshire HP16 0HG. A catalogue is also available.

GARMENT WEIGHT

Finished garment in first size weighs 105 g.

The fibre content of this yarn is 100% Acrylic. For further information about this yarn, please write to the following address:- F W Bramwell & Co, Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington, Lancashire BB5 5TU.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit chest 51 [56, 61, 66, 71] cm, 20 [22, 24, 26, 28] in.

Actual size 57 [62, 68, 73, 78] cm, 22½ [24½, 27, 29, 31] in.

Length to shoulder 33.5 [37, 40.5, 43, 46] cm, 13½ [15, 16, 17, 18½] in.

Sleeve seam 22.5 [25, 30, 32.5, 35] cm, 9 [10, 12, 13, 14] in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

30 stitches and 40 rows to 10 cm, 4 in measured over stocking stitch (tension dial setting approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

a) We used knit side of knitting as right side of garment.
b) Before knitting, prepare any punchcards or electronic sheets needed from the charts provided. Note that punchcard patterns, as shown, may have to be repeated until the card is a suitable length for knitting.

c) Knit two colour Fair Isle rows with first colour given in back feeder 1/A to knit background and second colour given in front feeder 2/B to knit contrast pattern. If only one colour is given, use this colour to knit in stocking stitch.

d) On Brother electronic machines, place pattern over centre 0.

e) On Silver Reed electronic machines, place needle 1 cam between needles 12 and 13 at left or right of centre 0. Press button 1 (left light on) and button 2 (left light on for 580 and SK840 machines, right light on for earlier models).

SHAPE SHOULDER

Cast off 10 [11, 12, 10, 10] sts at beg of next and foll alt row, K 1 row.

4TH AND 5TH SIZES

Cast off [10, 11] sts at beg of next row, K 1 row.

ALL SIZES

Cast off rem 10 [11, 12, 9, 11] sts. With carriage at left, push 39 [43, 47, 50, 54] Ns at left from HP to

UWP and finish to correspond with first side, reversing shaping. Push rem 28 [30, 32, 34, 36] Ns from HP to UWP.

Push 8 [10, 10, 13, 13] adjacent Ns at left and right from NWP to WP. 44 [50, 52, 60, 62] Ns. Pick up 8 [10, 10, 13, 13] sts along each side of neck and place on to empty Ns. Using A, K 1 row.

*Maggie
Andrews*

Using WY, K a few rows and release from machine.

SLEEVES

With carriage at right and using A, cast on 46 [48, 52, 54, 58] sts at centre of machine in 1x1 rib. Work as for Back from * to **. Using MT, shape sides by inc 1 st at each end on next and every foll 4th [4th, 5th, 5th, 5th] row until there are 78 [82, 88, 90, 96] sts. K 9 [15, 14, 24, 29] rows. RC shows 70 [80, 100, 110, 120]. Cast off.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

EMBROIDERY

Using the photograph as a guide, Swiss dam a few short lines in the sky with A and K. Swiss dam the sun from the chart with J, placing the top alongside the last shaping at the neck. Embroider some birds in the sky with L or use fabric paints and then sew on cat and house buttons.

NECKBAND

Join right shoulder seam. Push 72 [80, 84, 94, 98] Ns to WP. With K side facing, pick up 44 [50, 52, 60, 62] sts around front neck and 28 [30, 32, 34, 36] sts across back neck and place on to Ns. Unravel WY. Set RC at 000. Using MT and A, K 1 row. Transfer sts for 1x1 rib. Using MT-3/MT-3, K 18 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

MAKING UP

Join left shoulder and neckband seam or, if an opening is required, join 1 cm, ½ in of shoulder. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in A. Set in sleeves between markers. Join side and sleeve seams.

SHOULDER OPENING

Using A and crochet hook, work 2 rows of dc along left back shoulder and 2 rows of dc along left front shoulder, making 4 button-loops in 2nd row. Sew on buttons to correspond.

SNOWLADY

BODY, HEAD AND HAT

Push 20 Ns to WP. With carriage at right and using MT-1 and MC, 42►

BACK

With carriage at right and using MC, cast on 88 [96, 104, 112, 120] sts at centre of machine in 1x1 rib. * K 5 tubular rows. Carriage is at right. Set machine for 1x1 rib knitting. Set RC at 000. Using MT-3/MT-3, K 22 rows. Transfer sts for st st. Set RC at 000 **.

Using MT, K 58 [70, 80, 88, 96] rows. Using B, K 2 rows. Using C, K 2 rows. RC shows 62 [74, 84, 92, 100]. Place marker at each end. Using D, K 10 rows. Using E, K 10 rows. Using F, K 10 rows. Using G, K 10 rows. Using A, K 12 [14, 18, 20, 24] rows. RC shows 114 [128, 142, 152, 164].

SHAPE SHOULDERS

Cast off 10 [11, 12, 10, 10] sts at beg of next 4 [4, 4, 6, 4] rows and 10 [11, 12, 9, 11] sts at beg of foll 2 [2, 2, 4, 4] rows. Using WY, K a few rows over rem 28 [30, 32, 34, 36] sts and then release from machine.

FRONT

Work as for Back to **. Using MT, K 14 [22, 28, 32, 36] rows. Set machine to hold.

FIRST SNOW SLOPE

Push 44 [48, 52, 56, 60] Ns at left of centre 0 to HP. * K 1 row. Push 1 N at carriage end to HP, K 1 row. Push 1 N at opposite end to carriage to HP *. Rep from * to * 21 [23, 25, 27, 29] times more. All Ns in HP. Cut yarn. Take carriage to left.

SECOND SNOW SLOPE

Push 44 [48, 52, 56, 60] Ns at left of centre 0 from HP to UWP. Using MC, rep from * to * 22 [24, 26, 28, 30] times. All Ns in HP. Cut yarn.

BACKGROUND SNOW

With carriage at left, push 1 N at left of centre 0 from HP to UWP. Reset RC to 15 [23, 29, 33, 37]. Using B, K 1 row. ** Push 1 inside N at each side from HP to UWP, K 1 row. Rep from ** 42 [46, 50, 54, 58] times more. Push rem N from HP to UWP, K 1 row. RC shows 60 [72, 82, 90, 98]. Insert card and lock on first row. Using C, K 2 rows. Place marker at each end. Release card and cont in Fair Isle. K 5 rows D/H, 5 rows D/I and 8 rows E/I. Remove card. Cont in st st and stripes of 2 rows E, 10 rows F and 10 rows G, then cont in A and at the same time, K 20 [18, 22, 20, 24] rows. RC shows 100 [110, 124, 130, 142].

SHAPE NECK

Push 49 [53, 57, 62, 66] Ns at left to HP and cont on rem sts for first side. K 1 row. Push 1 N at neck edge to HP on next 9 [10, 11, 11, 12] rows. 30 [33, 36, 39, 42] sts. K 4 [7, 6, 10, 9] rows.





MIDNIGHT SNOWMAN (cont.)

NECKBAND

Join right shoulder seam. Push 72 [80, 84, 94, 98] Ns to WP. With K side facing, pick up 44 [50, 52, 60, 62] sts around front neck and 28 [30, 32, 34, 36] sts across back neck and place on to Ns. Unravel WY. Set RC at 000. Using MT and A, K 1 row. Transfer sts for 1x1 rib. Using MT-3/MT-3, K 18 rows. Transfer sts for st st. Using MT, K 1 row. Using WY, K a few rows and release from machine.

MAKING UP

Join left shoulder and neckband seam or, if an opening is required, join 1 cm, 1/2 in of shoulder. Fold neckband in half to right side and pin in position. Unravelling WY as required, backstitch through open loops of last row worked in A. Set in sleeves between markers. Join side and sleeve seams.

SWEATER WITH SHOULDER OPENING

Using A, work two rows of double crochet along left back shoulder and two rows of double crochet along left front shoulder, making four button loops in second row. Then, sew on buttons to correspond.

SNOWMAN TOY BODY, HEAD AND HAT

Push 20 Ns to WP. With carriage at right and using MT-1 and MC, make a woven/automatic closed-edge cast-on. Carriage is at left. Set RC at 000. K 19 rows. Counting from each end, transfer the 6th st on to 5th N, leaving empty Ns in WP. K 1 row. Push all Ns to UWP. Using a 12 cm, 5 in length of MC, weave over and under Ns to make a gathering thread. K 5 rows. RC shows 25.

Using D, K 5 rows. Make a hem by placing loops of first row worked in D on to corresponding Ns. K 5 rows. Break off yarn, leaving a long end. Thread end through sts and release from machine.

HANDS AND ARMS (KNITTED IN ONE PIECE)

Push 10 Ns to WP. With carriage at right and using MT-1 and MC, make a woven/automatic closed-edge cast-on. Carriage is at left. Set RC at 000. K 25 rows. Break off yarn, leaving a long end. Thread end through sts and release from machine.

SCARF

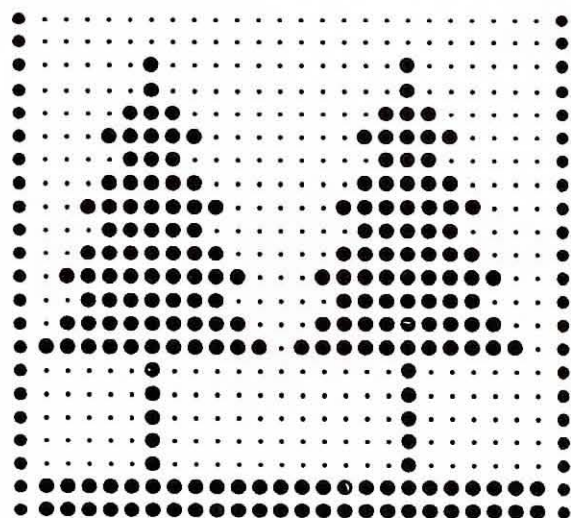
Using E, make a twisted cord approximately 18 cm, 7 in long.

MAKING UP

On wrong side, draw up cast-on thread and join back body seam. Put neck gathering threads to right side and join head and hat seam. Turn to right side and stuff body up to the eyelets. Put latch tool through eyelets in body and pull half of hand/arm through body. Stuff rest of body, head and hat. Draw up neck thread and secure. Draw up cast-off thread and secure and then draw up thread at hands and secure.

Allow sides of arms to roll inwards. Push a small amount of stuffing between the rolls and sew rolls together. Secure arms in eyelets. Embroider eyes, mouth and buttons in D and nose in F or use fabric paint. Thread cord through sweater on the section in B and tie tightly round the snowman's neck so that the base of the snowman is on the section in MC.

PUNCHCARD CHART FOR BOTH PATTERNS



SUNSET SNOWLADY (cont.)

make a woven/automatic closed-edge cast-on. Carriage is at left. Set RC at 000. K 19 rows. Counting from each end, transfer the 6th st on to 5th N leaving empty Ns in WP. K 1 row. Push all Ns to UWP. Using a 12 cm, 5 in length of MC, weave over and under Ns to make a gathering thread. K 5 rows. RC shows 25. Using M, K 2 rows. Transfer every alt st to adjacent N, leaving empty Ns in WP. Using MT+3, K 1 row. Using MT-1, K 2 rows. Make a hem by placing loops of first row worked in M on to corresponding Ns. K 5 rows. Break off yarn, leaving a long end. Thread end through sts and release from machine.

HANDS AND ARMS

(Knitted in one piece)

Push 10 Ns to WP. With carriage at right and using MT-1 and MC, make a woven/automatic closed-edge cast-on. Carriage is at left. Set RC at 000. K 25 rows. Break off yarn, leaving a long end. Thread end through sts and release from machine.

SCARF

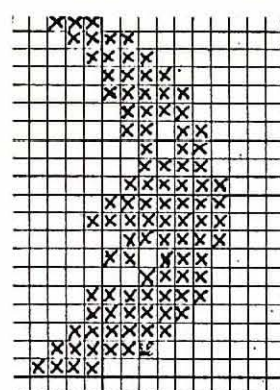
Using M, make a twisted cord approximately 18 cm, 7 in long.

MAKING UP

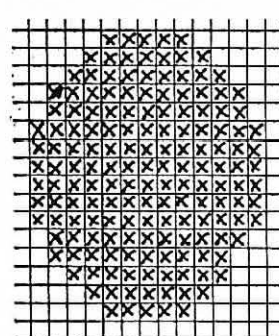
On wrong side, draw up cast-on thread and join back body seam. Put neck gathering threads to right side and join head and hat seam. Turn to right side and stuff body up to the eyelets. Put latch tool through eyelets in body and pull half of hand/arm through body. Stuff rest of body, head and hat. Draw up neck thread and secure. Draw up cast-off thread and secure. Draw up threads at hands and secure.

Allow sides of arms to roll inwards, push a small amount of stuffing between the rolls and sew rolls together. Secure arms in eyelets. Embroider buttons in A, eyes in N and mouth in J or use fabric paint. Thread cord through sweater on the section in B and then tie tightly around the Snowlady's neck so that the base of the Snowlady is on the section in MC.

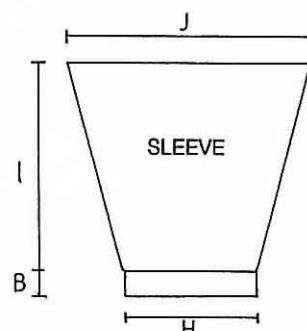
SWISS DARNING CHART MIDNIGHT SNOWMAN



SWISS DARNING CHART SUNSET SNOWLADY



BLOCKING DIAGRAMS FOR BOTH PATTERNS



A = 29 [32, 34.5, 37, 40] cm
B = 5 cm
C = 15.5 [18.5, 21, 23, 25] cm
D = 13 [13.5, 14.5, 15, 16] cm
E = 1.5 [1.5, 1.5, 2, 2] cm

F = 9 [10, 10.5, 11, 12] cm
G = 5 [6, 6, 7.5, 7.5] cm
H = 15 [16, 17, 18, 19] cm
I = 17.5 [20, 25, 27.5, 30] cm
J = 26 [27, 29, 30, 32] cm

CLUB SPEAKERS

MAGGIE ANDREWS

79 Hookfield, Harlow, Essex CM18 6QQ.

Tel: 01279-422994.

Maggie offers lively, interesting and informative talks and demonstrations on a variety of subjects, all illustrated with plenty of samples, including Circular Yokes, Add a Collar, Machine Knit Arans and Easy Intarsia (no intarsia carriage needed). 40 miles radius. More for workshops. SAE for details

TERRY ARMITSTEAD & JANE HUNTINGFORD

c/o 16 Renoir Court, Fairlands Estate, Bognor Regis, West Sussex PO22 2AY.

Tel: 01243-826125.

Combined talks. TALK 1: Intarsia motifs, technique books, garment patterns and geometric designs for punchcard and electronic machines. TALK 2: Inspirational Variations. How to get more out of your punchcard and electronic designs, plus all the latest on our products. No restriction on distance.

JOHN BLAKEMAN

25 Englesea Avenue, Weston Coyney, Stoke-on-Trent, Staffordshire ST3 5HL.

Tel: 01782-313077.

Ex-Brother supervisor. Basic and advanced knitting techniques - Japanese machines. Programming - all Brother electronics. Using colour changers and accessories. Speciality - Jacquard and ribber techniques. Club visits, courses and workshops. No restriction on distance.

CHRISTELLE CREATIONS

Badgers Copse, Hampers Lane, Storrington, West Sussex RH20 3HU.

Tel: 01903-743147.

Designing and adorning marvellous mohair. Easy appliques and garment decorations for all knitwear, fashionwear and even home decor. Club visits, workshops, day courses and mail order available. Special offer fabric paints. Telephone for details. Any distance considered.

SHIRLEY COWLING

Herdwick Farm, Winkleigh, Devon EX19 8LD.

Tel: 01837-83358.

Ribber techniques, intarsia, a really good V-neckband, double jacquard with different backings, magic cables, Jones Tones Paints, or Club's own choice. All demonstrations accompanied by sample swatches and garments. Workshops at the farm for club groups. 50 mile radius of Winkleigh. Further considered.

ANN DISHMAN

Briarbank, Highview Lane, Ridgewood, Uckfield, East Sussex TN22 5SY.

Tel: 01825-767757.

Life with Angoras. Angora yarn: its uses, handspinning for the knitting machine, spinning wheel and drop spindle. Rainbow dyeing of commercial and handspun yarns with demonstrations. Reasonable distance as rabbits also travel to clubs.

ANN DURKAN

Michaelmas Cottage, Twineham, West Sussex RH17 5NN.

Tel: 01444-881556.

Lively lectures by qualified designer, concentrating on creativity, garment design and imaginative use of colour and texture. Emphasis on Elegance made Easy. Plenty of sample garments to try on and have fun with. Workshops also arranged. No restriction on distance.

FORGE CRAFT CREATIONS

Sylvia Wynn, The Old Smithy, Pirton, Worcester WR8 9EJ.

Tel: 01905-820482.

Swiss darning. Talk, demonstration and workshops. Sylvia demonstrates her technique on Swiss darning and how to achieve the professional finish. Any reasonable distance.

IN-EX LTD

PO Box 1459, Windsor, Berkshire SL4 2TP.

Tel: 01753-857009. (9am-5pm only)

Skirt steaming demonstration and talk on how to use the various In-Ex kits (shadow pleated, 'A'-line and fully pleated) together with sample garments from our range of patterns and books. Kits etc for sale. Approximately 70 miles for evening clubs, daytime clubs further. £55 including travel.

JACPACS

Yvonne Knapman, 19 South Road, Portishead, Bristol BS20 9DU.

Tel: 01275-842677.

Double jacquard knitting, an informative talk and demonstration on all aspects of double jacquard knitting, using the double bed colour changer or the Jac-Card; covering design and punchcard conversion. Workshop days by arrangement. Within 100 miles of Bristol, further by arrangement.

BERYL JARVIS

90 Asfordby Road, Melton Mowbray, Leicestershire LE13 0HR.

Tel: 01664-68449.

As well as my demonstrations, topics include - General Talk; Machine Knitted lace; Making Up; Tension (what's that?). Open to requests - whatever the topic I always knit. Info Sheets available. SAE for mail order. Workshops and private tuition can be arranged. Any distance considered.

PEGGY LA RIVIERE

67 Bartholomew Road, London NW5 2AH.

Tel: 0171-267 2712.

The blocking cloth and finishing; demonstrations of stitched applique on knitwear; a good way of using up tension swatches. Original winter coats. Up to two hours from London, further by arrangement.

DIANA LEWIN DESIGNS

Field House, Marlock Close, Fiskerton, Southwell, Notts NG25 0UB.

Tel: 01636-830235.

Friendly talk on simple ways to bring your motifs and Fair Isle patterns alive with 'a little imagination'. Producing unique and eye-catching results with the least amount of effort. Any distance considered.

JOANNA NELSON

Gerway House, Gerway Lane, Ottery St Mary EX11 1PW.

Tel: 01404-813643.

Talks about various aspects of machine knitting, including, Ribber Work (based on Joanna's third book), A Machine Knitter's Pot Pourri and A Machine Knitter's View of Patchwork, Quilting and Applique. Club visits, workshops and day courses. Any distance considered.

PIPPIN DESIGNS

Ruth Cox, 22 Clifton Road, Dunstable, Bedfordshire LU6 1LU.

Tel: 01582-605808.

Toy making made easy. Hints and tips on how to make machine knitted toys successfully, plus something useful, something decorative and something for fun. Creative and profitable ways of using small amounts of yarn. 50 mile radius, further by arrangement.

JENNY ROSE

12 Bercta Road, London SE9 3TZ.

Tel: 0181-859 2745.

Talks and workshops on many topics, including punchcard designs, surface decoration, yoked sweaters, ribber techniques, knitting with mohair and lace variations. Any distance considered.

ANN ROSS

Ann's Yarns, 36 Coggeshall Road, Braintree CM7 6BY.

Tel: 01376-341311.

Any subject on Brother and Silver Reed machines. Yarns and books available. 60-mile radius. Further by arrangement.

JANET SPINK

Springfield Cottage, Alderton Road, Hollesley IP12 3RH.

Tel: 01394-411873.

Talks and demonstrations on all aspects of knitting on Japanese machines (many years experience). Demonstrations for and, on behalf of, Hague Linkers. Classes and workshops arranged. Any distance considered.

PAM TURBETT

17 Forest Rise, Liss Forest, Liss, Hampshire GU33 7AU.

Tel: 01730-893654.

'Cut and Sew', but not just necklines! 60-90 minute talk. Large collection of clothes, combining machine-knitting with dressmaking/tailoring, all handed around for inspection, with hints on pressing, steaming, interfacing, seaming, lining. Books, etc for sale. Workshops if required. Any distance by arrangement.

ANNE WARWICK

3 Frobisher Close, Hinckley, Leicestershire LE10 1UP.

Tel: 01455-636409 (after 6pm).

Knitting with oiled yarns, Cashmere, Lambswool, Angora, Shetlands etc. Successful knitting in luxury oiled yarns. Talk, demonstration and workshops, covering yarn counts, tensions, finishing techniques, scouring and garment care. Patterns, Information Sheets, Buttons for sale. Any distance by arrangement.

Designed by

LARGE SNOWMAN

BODY AND HEAD

Push 97 Ns to WP. Push 2nd and every foll alt N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using MC, K 1 row. Push empty Ns back to WP. Set RC at 000. K 77 rows. Place a marker at each end. Using MT+3, K 1 row for neckline. Using MT, K 35 rows. Using C, K 36 rows. Transfer every alt st on to adjacent N and push empty Ns to NWP. K 3 rows. Break off yam, leaving a long end. Thread end through sts and release from machine. Remove WY.

ARMS (KNIT 2)

Push 25 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MC, K 35 rows. Transfer every alt st on to adjacent N and push empty Ns to NWP. K 1 row. Break off yam, leaving a long end. Thread end through sts and release from machine. Pull up sts and secure. Join seam. Thread a length of MC through loops of first row and remove WY.

NOSE

Using A, cast on 6 sts by hand. Using MT, K 4 rows. Transfer every alt st on to adjacent N and push empty Ns to NWP. K 1 row. Break off yam, leaving a long end. Thread end through sts and release from machine. Pull up sts and secure. Oversew side seam.

HAT BRIM

Push 108 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MT-2 and C, K 1 row. Using MT, K 16 rows. Make a hem by placing loops of first row worked in C on to corresponding Ns. Unravel WY when work is completed. Using MT-2, K 1 row. Cast off.

SCARF

Using C, cast on 15 sts by hand. Set RC at 000. Using MT, K 170 rows. Cast off. Gather each end of scarf, pull up and secure.

MAKING UP

Pull up stitches at lower edge of body and secure. Join back seam, matching colours. Cut a round of card 11.5 cm, 4½ in diameter. Glue card in bottom of snowman, making sure pulled up loops are at centre. Smooth bottom of snowman over card to give as neat and as flat a finish as possible.

MR SNOW AND SON

8

PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for standard gauge machines.

MATERIALS

Bramwell Fine 4-ply. (Yarn Guide No.11.)

A small amount in White (MC), Orange (A), Black (B), Green (C), Yellow (D) and Red (E).

Polyester stuffing.

Copydex adhesive.

Cardboard.

Pipe, robin, cotton wool (optional).

The fibre content of this yam is 100% Acrylic. For further information about this yam, please write to the following address:- F W Bramwell & Co, Unit 5, Metcalf Drive, Altham Lane, Altham, Accrington, Lancashire BB5 5TU.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

LARGE SNOWMAN

Height 34 cm, 13½ in.

BABY SNOWMAN

Height 19 cm, 7½ in.

TENSION

We used tension dial setting 7 as main tension (MT).

KNITTING NOTES

a) We used knit side of knitting as right side.

Stuff body to just above neckline. Thread a length of MC through the looser knitted row at neckline, pull up and fasten off. Continue stuffing, moulding into shape as you work. Pull up stitches at top of hat and secure. Wind a length of MC around neck, pull up tightly and secure. Thread ends into body.

Stuff arms. Pull up stitches at top of arm and secure. Pin arms into position just below neckline and sew into position. Join ends of hat brim. Sew brim to first row of hat. Put a small amount of stuffing into nose. Gather around cast on edge, pull up tightly and secure. Sew to centre of face.

Mark position of eyes with pins. Using B, make two chain stitches over two rows for each eye. Mark position of mouth with centre under nose. Using B, make two large backstitches, from centre to sides as shown in photograph. Mark position of buttons with pins. Using B, make two chain stitches over two rows for each button.

POMPONS (MAKE 2)

Using a card 5 cm, 2 in long by 2 cm, ¾ in wide, wind D around card 100 times. Thread a length of yam under the wound yam at one edge of card and hold firmly. Cut through loops of wound yam at opposite edge of card then pull yam tightly and secure. Sew one pompon to each end of scarf. Position scarf around snowman's neck and catch in place at shoulder.

BABY SNOWMAN

BODY AND HEAD

Push 49 Ns to WP. Push 2nd and every foll alt N back to NWP. Using MT and WY, cast on and K a few rows ending with carriage at right. Using MC, K 1 row. Push empty Ns back to WP. Set RC at 000. K 45 rows. Place marker at each end. Using MT+3, K 1 row for neckline. Using MT, K 18 rows. Using E, K 18 rows. Transfer every alt st on to adjacent N and push empty Ns to NWP. K 1 row. Break off yam, leaving a long

Betty Meeds

end. Thread end through sts and release from machine. Remove WY.

ARMS (KNIT 2)

Push 18 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MC, K 21 rows. Transfer every alt st on to adjacent N and push empty Ns to NWP. K 1 row. Break off yam, leaving a long end. Thread end through sts and release from machine. Pull up sts and secure. Join seam. Thread a length of MC through loops of first row and remove WY.

NOSE

Using A, cast on 6 sts by hand. Using MT, K 2 rows. Transfer every alt st on to adjacent N and push empty Ns back to NWP. K 1 row. Break off yam, leaving a long end. Thread end through sts and release from machine. Pull up sts and secure. Oversew side seam.

HAT BRIM

Push 55 Ns to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MT-2 and E, K 1 row. Using MT, K 8 rows. Make a hem by placing loops of first row worked in E on to corresponding Ns. Unravel WY when work is completed. Using MT-2, K 1 row. Cast off.

SCARF

Using B, cast on 8 sts by hand. Set RC at 000. Using MT, K 75 rows. Cast off.

MAKING UP

Make up as for large snowman, omitting eyes, buttons and pompons and using a card 5 cm, 2 in diameter. For eyes and buttons, make two backstitches over two rows. Make a fringe in E at each end of scarf.

VARIATIONS

The large snowman could have a pipe in his mouth or hand. He could also be decorated with holly, berries, trimmings and so on to form a centre piece. (Please note, none of these things should be added if the snowman is for young children.) The baby snowman could have a ribbon sewn to his hat to make a Christmas Tree decoration to hang on the lower branches of the tree. To set the snowmen out as the centre piece for a craft stall or table, sit them on cotton wool with cotton wool balls scattered about to give the impression of snowballs. A robin could be placed on the snow or on the large snowman's hat.

Betty Meeds, of Marina Designs, specialises in designing machine knitting toys and novelties and her designs are featured every month in our sister publication, *Modern Machine Knitting*.

If you would like further details of the patterns available, please write to Betty at the following address, enclosing a stamped addressed envelope:-

Marina Designs, 6 Roos Hall, Freiston, Boston
Lincolnshire PE22 0LD

IRIS BISHOP

DESIGN COLLECTIONS

All design collections are illustrated in full colour.

- ★ **NEW ART OF PAINTING KNITTED FABRICS** — An invaluable reference and design book including a step-by-step guide to using fabric paints on knitwear, creative ideas and techniques, stencilling etc. — PLUS — a unique collection of designs for 24 stitch and 40 stitch machines£6.50
- ★ **NEW 12 FABRICFUN WATER COLOUR DYES (Pentel)** — Mix with water to create any colour and simply apply with a brush. Dyes are washable when fabric is dry — no heat required. Suitable for most knitted fabrics — wool, cotton, acrylic etc.....£7.50
- ★ **NEW WOODLAND COLLECTION** — Featuring three of the classic garment patterns illustrated in Iris's publications and magazine articles — PLUS — a beautiful collection of flowers, leaves and landscape designs (previously published in *M.K. Monthly*) with full colour and yarn references (24 stitch)£5.50
- ★ **THROUGH THE AGES** — Fairisle fabrics and borders of distinction, inspired by periods of art history, from 'Medieval tapestries' to 'Art Nouveau' and 'Deco' motifs — PLUS — colour references and fashion ideas (24 stitch)£4.95
- ★ **CELTIC INSPIRATION** — A timeless collection of fabric and border designs with short 'floats' — PLUS — Iris's classic jacket with yoked collar and tunic-style sweater patterns (24 stitch)£4.95
- ★ **COUNTRYSIDE CELEBRATION** — Beautiful, realistic landscape designs for each month of the year, including foxes, rabbits, birds, flowers etc. As with all of these publications, all designs are shown in full colour with yarn references£4.95

All Iris Bishop designs are created from drawings and direct research, resulting in detailed and professional designs which do not 'date'. Due to continued demand, the following collections have been re-printed or are still currently available while stocks last:-

- ☆ **POT-POURRI** — geometrics, oriental, planets etc. (24 stitch)£4.95
- ☆ **40 STITCH SPECIAL** — animals, florals, sports, geometrics (40 stitch)£4.95
- ☆ **BORDERS and YOKES** — classic collection + 'circular yoke' pattern (24 stitch)£3.95
- ☆ **AUTUMN/WINTER** — seasonal adult designs + fashion ideas (24 st.)£3.95
- ☆ **SPRING/SUMMER** — companion to 'Autumn/Winter' collection (24 stitch).....£3.00
- ☆ **KIDS FAIRISLE** — 20 fairisle designs + sweater pattern (24 stitch).....£2.95
- ☆ **DINOSAURUS** — realistic designs with short 'floats' (24 stitch).....£3.00

DISKS — for Brother disk drive and 'DesignaKnit' are available for each of the twelve collections listed above£5.95 each

ALL PRICES INCLUDE POSTAGE AND PACKAGING

(Outside U.K. — add 50p per item. Payment in sterling cheques etc. only)

Please send payment with order (cheques etc. payable to 'Iris Bishop')

A complete, illustrated list of publications including intarsia 'Cats' and 'Birds', Christmas designs, braids and edgings etc., will be enclosed with your order — or send a stamped addressed envelope for an illustrated list, before ordering, to:

IRIS BISHOP

64 Ifield Road, West Green, Crawley, West Sussex RH11 7BQ

CLUBS WELCOME

ARCADE SEWING & KNITTING MACHINE CO LTD.
33 The Arcade, Broadmead, Bristol, Avon BS1 3JD.
Tel: 0117-927 6766.

Visit Bristol, its shopping centre Broadmead and The Galleries and come and see us too. Browse around at your leisure among our yarns. The extensive stock includes ranges by Bramwell, Denys Brunton, Forsell, Yeoman, King Cole, Hush Knit and Bonnie's. Tea and coffee is free, we have a club discount day and can arrange demonstrations on request. Please telephone to arrange a club day, we look forward to seeing you.

AK YARNS
30 Brindley Road, Hinckley Business Park, Dodwells Bridge Industrial Estate, Hinckley, Leics LE10 3BY.
Tel: 01455-239909. Tel/Fax: 01455-234900.

Open any day or evening by prior arrangement. Ample space for coach parking. Coffee and tea always ready. Meals are available at local hotel at concessionary rates. Wheelchairs are welcome! VAT is included in the price. 10% discount on most yarns, or up to 50% on one-day offers.

CAFFLE CRAFTS
Units 2 & 3 Clevedon Craft Centre, Moor Lane East, Clevedon, Avon BS21 7ED.
Tel: 01275-877378.
Internet 1004410.2362@compuserve.com

A Knitters' Day Out with an unique difference! Situated in a picturesque setting just off Junction 20 of the M5 and one of 15 craft studios, we offer the largest selection of quality yarns in the West Country. We are authorised dealers for Brother and Pfaff with ample room for demonstrations. Refreshments provided. Please contact Jane Thomas for further information.

THE CORNWALL KNITTING CENTRE
25 Prideaux Close, Tamar View Industrial Estate, Saltash, Cornwall PL12 6LD.
Tel: 01752-840810.

The South West has always been a favourite holiday destination for many of us. If you are going west this year, why not include a visit to the Cornwall Knitting Centre? It is situated a short distance from the Tamar Bridge, has easy access for the disabled and car parking is free. Open six days a week with a late night on Friday, it incorporates a wide selection of yarns and accessories as well as a repair shop. Clubs are welcome by appointment and we hold day workshops in the summer.

D & S CONE YARN SUPPLY
175 Queen Street, Newton Abbot, Devon TQ12 2BS.
Tel: 01626-69840.

D & S Cone Yarns have been trading for twelve years and stock everything from coned yarns, knitting machines, books and accessories to sewing threads and sewing machines. We also have a large stock of overlockers. We are situated five miles from Torquay with ample parking and refreshments are available. Clubs are very welcome, please telephone for details.

DRUMMOND WOOLS
79-81 Haymarket Terrace, Edinburgh EH12 5HD.
Tel: 0131-313 1002. Fax: 0131-313 1004.

Having a club outing? Why not visit David and his team at Drummond Wools? You will be welcomed with a glass of wine, then left to browse at leisure through our knitting and sewing departments. Demonstrations of your choice are available and you can take advantage of our special club discounts that enable you to get just that little bit extra. Telephone for details.

FLIMWELL KNITTING CENTRE
Hollands Farmhouse, High Street, Flimwell, Wadhurst, Sussex TN5 7PF.
Tel: 01580-879316.

Come and see our large range of knitting machines, thousands of

cones of yarn, accessories and books. There is ample parking, refreshments are available and a demonstration can be provided if your club has booked in advance. We are in beautiful country surroundings with a mini-museum of domestic knitting machines and are easy to find - just off the A21 on B2087, midway between Tunbridge Wells and Hastings. Please telephone for details.

HELMSHORE TEXTILE MUSEUMS
Holcombe Road, Helmsore, Rossendale, Lancashire BB4 4NP.
Tel: 01706-226459. Fax: 01706-218554.

When visiting Mill Shops in Lancashire, complete your 'textile experience' by visiting Helmsore Textile Museums. See our spectacular Spinning Mules in action and watch the great Waterwheel driving the Fulling Stocks. Guided tours of these original mill environments, including demonstrations of working machinery, are available to pre-booked parties at any time of the year. Please contact us for an information pack.

ICHF
Dominic House, Seaton Rd, Highcliffe, Dorset BH23 5HW.
Tel: 01425-272711.

Creative Stitches, Britain's most exciting sewing, needlecraft and knitting shows. Demonstrations, 'make & take' workshops, craft guilds and over 100 exhibitors combine to make a day out to remember.
Creative Stitches, Brighton Centre, 2nd - 4th February.
Creative Stitches, Sheffield Arena, 9th - 11th February.
Creative Stitches, S.E.C.C. Glasgow, 7th - 10th March.
Sewing for Pleasure, N.E.C. Hall 12, Birmingham, 14th - 17th March.
Hobby Crafts, N.E.C. Hall 7, Birmingham, 14th - 17th March.
Details from the organisers, ICHF.

KNITCRAFT KNITTING MACHINES LTD.
131 High St, Yiewsley, West Drayton, Middlesex UB7 7QL.
Tel: 01895-441368/447854. Fax: 01895-449717.

Huge showroom. Machines (new and used) and spares for Silver Reed, Brother and Knitmaster. Repairs, part exchange, demonstrations. Free expert advice. DesignaKnit, coned yarns, patterns, accessories. Sewing machines and repairs. Craft, haberdashery, hand knitting, needlecraft. Close to Heathrow, M25 (Junction 15), M4 (Junction 4) and M40. Parking nearby. Open Monday to Saturday, 9.30 am - 5.15 pm. Mail order service.

KNITMATES
Unit 21, Rowfant Business Centre, Rowfant, Crawley, West Sussex RH10 4NQ.
Tel: 01342-718575. Fax: 01342-718576.

Knitmates, in the Sussex countryside on the outskirts of Crawley, can offer you a visit, 'tailor-made' to your group. You can browse and rummage, have talks or demonstrations, or a 'hands-on' workshop with a visiting tutor. We can also provide lunch for a small charge.

KNITTING AUTOMATIC
Zetland Street, Northallerton, North Yorkshire DL6 1NA.
Tel: 01609-773444.

I would like to invite any knitting club or group to come and visit me in my new, larger premises and see what I have to offer. Sewing and knitting machines, yarns, sewing threads, metallic and fancy, fabric paints and transfers. Interest-free credit is available on some machines. Contact Diana for further details.

MACHINE KNITTING CENTRE
27 Beechwood Drive, Thornton Cleveleys, Blackpool, Lancashire FY5 5EJ.
Tel/Fax: 01253-853481.

The Centre offers a comprehensive service to knitters. We hold one-day workshops and special promotions at regular intervals and we are also happy to arrange party visits, tailored to cater for special interests. Extensive shop and classrooms; machines; quality yarns and patterns; plenty of friendly help and technical advice.

CLUBS WELCOME

MARLIN KNITTING & SEWING

97 Westgate End, Wakefield WF2 9RL.

Tel: 01924-373393. Fax/Ansaphone: 01924-381703.

Visit Marlin Knitting & Sewing, the only exclusively Pfaff knitting and sewing centre in the U.K. You will find everything for your Pfaff or Passap Duo 80 / E 6000 knitting machine plus the full range of Pfaff sewing and overlocking machines. We carry spares, accessories, model books - in fact everything for your machine, under one roof. New and used machines are guaranteed and repairs are carried out, on the premises, by Colin Dutton. We run hands-on workshops and courses and hold knitting clubs every week. Club discounts are given to members of clubs with club cards. We are easy to find (M1 Junction 40), with easy parking and refreshments are available but clubs must book in advance.

METROPOLITAN

The Pinfold, Poole, Nr. Nantwich, Cheshire CW5 6AL.

Tel: 01270-628414. Fax: 01270-610038.

Metropolitan - often copied, never bettered. Visit us and take advantage of a lecture and/or demonstration or just browse through our yarns, books and accessories in the relaxed, friendly atmosphere of Metropolitan. Refreshments are available and there is much to occupy the non-knitter in the Craft Units, while you enjoy the pleasures of machine knitting. Please contact us for details about arranging a visit.

THE MOHAIR CENTRE

Brickfield Farm, Laughton Rd, Chiddingfold, Lewes, East Sussex BN8 6JG.

Tel: 01825-872457.

Our farm near Lewes in Sussex is ideal for group or club visits. We can show you Angora goats, mohair fleece, yarns, garments and lots more. A two to three hour visit, costing £2.00, includes facilities for a picnic lunch and a cup of tea or coffee. GOAT TO GARMENT is a tour of the goats and a hands-on talk and demonstration of the spinning process. You will know WHY mohair behaves as it does and how your mohair yarn is created. The shop is open daily from 10.00 am to 5.00 pm. Please telephone for details.

NATIONWIDE EXHIBITIONS (UK) LTD.

Tel: 0117-970 1370.

The Knitting, Needlecraft & Design Exhibition at Sandown Park, Esher, 18th - 21st January.

The North West Knitting & Needlecraft Exhibition at G-Mex Centre, Manchester, 22nd - 25th February.

The East of England Knitting & Needlecraft Exhibition at Leeds University Exhibition Centre, Leeds, 29th - 31st March.

The Southern Knitting & Needlework Exhibition at Royal Bath and West Showground, Shepton Mallet, Somerset 25th - 28th April.

Great shows for clubs to visit, with lots of attractions, plenty of bargains and special show offers. Telephone Sheila Davies to book advance tickets at discount rates.

NEW LANARK TRADING LTD

New Lanark Mills, Lanark, Scotland ML11 9DB

Tel: 01555-665876. Fax: 01555-665738.

New Lanark, once Scotland's largest mill complex, is fast becoming one of Scotland's top tourist attractions. Pure wool yarn is spun on a 19th century Platt Spinning Mule, primarily as a working demonstration to visitors. Our range includes 4-ply, DK and Aran, in both natural and dyed shades at very competitive prices.

RIDGEWAY YARNS

Tel: 0171-625 5498.

At last! A yarn warehouse catering for the London area. Ridgeway Yarns has a new owner and the warehouse has now moved to Watford - Junction 5 of the M 1. A huge selection of the same quality yarns at low, low prices plus our bargain bins. A warm welcome is extended to all our old and new customers and there is ample parking space available. For details, telephone Elizabeth Dare.

SPECTRUM YARNS LTD

Spa Mill, New Street, Slaithwaite, Huddersfield HD7 5BB.

Tel: 01484-843732. Fax: 01484-847956.

Spectrum Yarns is equipped with the most up-to-date machinery in the world and produces consistently high quality, knot-free yarn. Only top quality raw materials are used, including British-made Courtelle and pure British wool. Visitors are welcome, but organisers must contact Ian Whitehouse at the mill, in advance, regarding the size of the party, the date and so on.

TEXERE YARNS

College Mill, Barkerend Road, Bradford BD3 9AQ.

Tel: 01274-722191. Fax: 01274-393500.

Welcome to Texere Yarns. Visitors are always amazed at the enormous selection of wools, silks, acrylics, cottons and rug yarns, along with knitting ribbons, chenilles, fancy yarns and the famous Texere 4-ply Glitter. The warehouse is open on weekdays from 9.00 am to 5.00 pm and at weekends by arrangement. Please book in advance for coach parties.

UPPINGHAM YARNS

North Street East, Uppingham LE15 9QL.

Tel: 01572-823747.

Aladdin's cave warehouse of quality yarns and accessories. Ample parking, near to town centre in beautiful countryside. We are between the A1 and M1, near to Leicester from where is drawn much of our industrial yarn which we thoroughly test. Low, low prices, as advertised - contact us for details.

WOOLLEY SOFT WARE

179-183 Lawn Lane, Hemel Hempstead, Herts HP3 9JF.

Tel: 01442-219298. Fax: 01442-252113.

We can provide a fun evening or day visit for clubs at our premises. Topics available are Double Bed Techniques and lots more. DesignaKnit demonstration - Computer Design techniques for knitting - Computers, what to buy, how they work. We also stock wool, patterns, Woolley Weights and second-hand or new machines. Refreshments are available. Please telephone for details.

THE YORKSHIRE MOHAIR MILL

Mohair Mills, Gibson Street, Bradford BD3 9TS.

Tel: 01274-668686. Fax: 01274-660628.

A 5,000 square feet Mill Shop warehouse full to the ceiling with over 500 repeatable stock items in mohair, alpaca, 100% wool and 100% cotton including environmentally-friendly recycled-fibre yarns in cashmere/lambswool and denim, plus the best value in Courtelle acrylic. Many clearance bargains at a penny a gram, or less! For value, choice and quality, it's worth visiting The Yorkshire Mohair Mill. Open weekdays, Monday to Friday (and Saturday morning during the autumn), please telephone us for details.

A DAY OUT
There's more to Knitting Clubs than sharing problems and techniques, successful clubs also have a good social life.
Make your members' day with the occasional trip out and here are some ideas for where to take them.

CHRISTMAS GIFTS

If your gift list is short of inspiration, here's a selection of goodies any knitter would love. There's a wide range of prices and some special offers to reduce the cost of your Christmas shopping.

BETTY'S TOOL

This is an ingenious invention that gives that 'extra' finish to add a quality look to your neckbands.

Brother owners can now make use of an intriguing gadget to obtain a truly professional-looking finish to their work. Called Betty's Tool, after the inventor, it is simplicity itself to use. Measuring under 30 cm, it takes up hardly any space when not in use, yet it will apply neck bands with a double bed machine or a ribber. It ensures a totally even finish to your work, thus improving overall appearance with a minimum of effort.

In fact, if you own any of the popular Brother knitting machines, you can't afford to be without one, especially if you really want that truly professional finish on round or crew neck work.



So, how much does this little beauty cost? A mere £4.95 and that even includes post and packing. If you would like further information, give Betty a call on: 01276-65766.

JACQUARD PATTERNS

Shirley Cowling has brought out three new designs using the double bed colour changer.

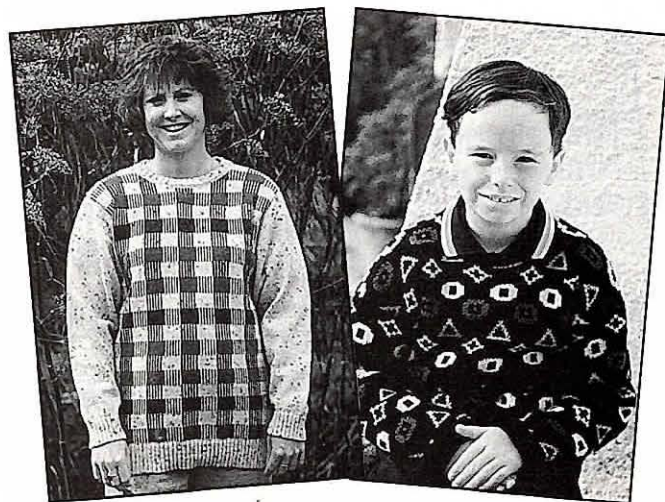
9. Girl's bird's-eye jacquard flowered jumper.

10. Boy's bird's-eye jacquard jumper with geometric design.

11. Unisex ladder jacquard checked jumper.

Shirley has been teaching knitting since 1983, both for Devon County Council and privately in her lovely thatched farmhouse. Her patterns specialise in explaining a technique carefully and clearly and then using that technique in the pattern.

Her three new designs are available by sending a cheque for £4.00 for all three, or £1.50 each, to Herdwick Farm, Winkleigh, Devon EX19 8LD.



KNITTING MACHINE BARGAIN

It's an ideal starter machine for the young or new knitter yet it produces work comparable with much more expensive machines. It has a steel bed of 200 needles, allowing you to be totally creative and it will not only produce garments but will knit or weave bedspreads, cushion covers, wall hangings and more – limited only by your ability to think what to knit next.

What is it? It's the Keyto 828 which automatically knits slip and tuck stitches, Fair Isle and even zig-zag Fair Isle, picture knitting

and weaving, with automatic colour reverse. The machine is fitted with yarn tension mast and carriage tension dial and automatic row counter – all for under £200. Start to knit straightaway because the Model 828 comes complete with an instruction video, basic pattern book and a 500g cone of yarn.

Here is a hot tip – Keyto have some ex-demonstration models which are sold off for only £89.95 plus carriage. But hurry, they don't have that many. If you are interested and would like more details, call Keyto Marketing Ltd on: 01942-888881.

SOFTWARE FOR KNITTERS

Terry Mason hopes you have had a good year and, now that you will be thinking of presents which you would like to receive yourself as well as give to other knitters, he makes the following suggestions.

'In addition to my well-used Knitting Pattern Writer at only £34.95, there is the new Pattern Writer II or Source Database at only £29.95 for your PC or Amiga. As a Christmas present from myself you may deduct £2.50 up to the end of the year. There are still tapes for earlier computers – you have only to ask.'



Terry Mason
15 Inishmoyne Green, Antrim
N. Ireland BT41 4JZ. Tel:- 01894-462381.

DAYLIGHT MAGNIFYING LAMP

Need to see better and BIGGER? Then this Economy Magnifying Lamp is for you. With this lamp, you not only have light wherever you need it but magnification too. The lamp clamps to a knitting table and has fully adjustable angle-poised movability, it gives you light exactly where you need it and, at the same time, magnifies the area you want.

The glass lens is lit by a golf ball daylight bulb and has an adjustable lens cover. It's ideal for machine knitters, sewing machine users and other hobbies where enlarging detail certainly makes a job easier.

Available for only £39.00 plus £1.50 p&p, direct from BSK Ltd., Murdock Road, Bedford MK41 7LE. Tel: 01234-217096.



READ AND LEARN

Christmas – a time for celebration – a time for giving and receiving – a time to spoil yourself even.

Read about knitting - A Machine Knitters Guide to Creating Fabrics by Susanna Lewis. £23.95.

Machine Maintenance & Guide to the Knitleader/Knitradar by Patricia Coulston. £4.75.

Card 1 & Card 3 by Kate Armitage. £4.75.

Learn about knitting - Correspondence Courses from £48.00.

NEW single bed course - Punchcard Patterning.

Courses at Metropolitan for most makes of machine.

Bobtarsia - guaranteed tangle free intarsia knitting - £34.95.

Short-handled cleaning brush for keeping your machine in tip top condition - £1.10.

Gift Vouchers and gadgets.

Send now for FREE catalogue, calendar and syllabus to: Metropolitan, The Pinfold, Poole, Nantwich, Cheshire CW5 6AL or 'phone 01270-628414.

CHRISTMAS AT COLOURWAY

Here you will find amongst all the latest pattern books and accessories, Rowan's new Chunky Plains and their new DK Marl Wools in colours echoing this winter's strongest design 'stories'. Knitting kits include Kim Hargreaves' 'Hearts and Flowers' and two Kaffe Fassett cushions - Kilim and Leopardskin. These kits reduce the cost of buying all the necessary loose yarns and make wonderful gifts.

Annabel Fox's new Wessex Collection book has a strong medieval flavour, as do the yarn colours she has introduced to echo the theme. Amongst them are three new shades of Chunky Chenille especially welcome now that Rowan are no longer producing this yarn.

Needlewomen will love Colourway too for all the basic equipment and yarns for the self-design enthusiast, the books and

kits from top names Ehrman, Designers Guild and Forum, RSN, Primavera, Glorafilia and, new this season, Beverley Needlepoints tramme-work kits and New Traditions modern and colourful cushions.

Situated on the corner of Westbourne Grove and Sahara



LONDON MACHINE KNITTING CENTRE

Why not do your Christmas shopping in the friendly shop where you can still find a large range of coned yarn – everything from 1-ply to chunky? Teasels stocks major names such as Bonnie's, Bretts, Forsell, Spectrum, Trumatch, Yeoman, YMM and so on, plus bargains from producers of quality branded and unbranded cones.

Brother and Bond knitting machines, spares and accessories are supplied, plus a huge array of hand-knitting yarns, patterns galore and every size of

knitting needle will always be in stock.

Teasels is also a paradise for crocheters. Extensive supplies are stocked for tapestry, embroidery, cross-stitch, tatting, macrame, rug and lacemaking, including products from Atlascraft (Turkey), Anchor, Heritage, Hobby Habit, Kinetic, Coats Crafts, DMC, Twileys and others.

There's a postal service for all items in stock – please apply to main suppliers for shade cards. Teasels Yarncrafts, 842 High Road, Leyton, London E10 6AE. Tel:- 01810-539 7947.

DESIGNAKNIT COMPUTER SOFTWARE

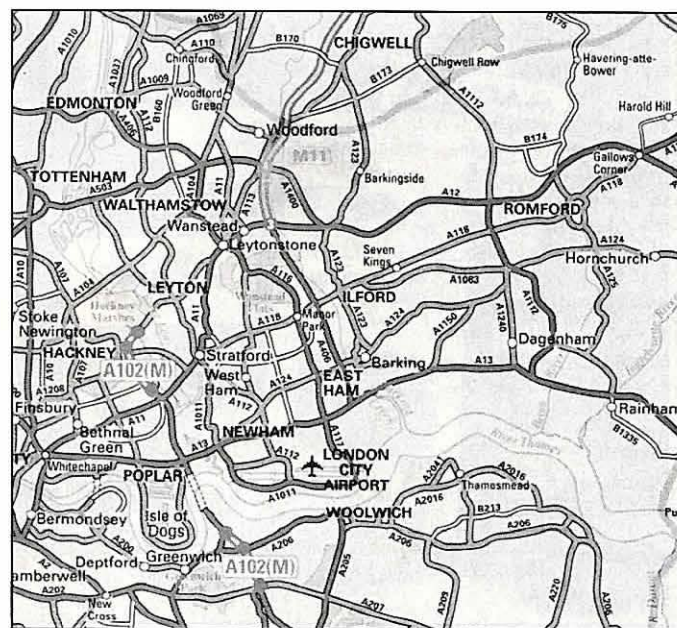
DesignaKnit 6 for Windows is the ultimate Christmas gift for anyone who owns a PC and loves designing their own knitwear.

This exciting new software from Soft Byte includes all the features found in the previous DesignaKnit 5 and many more, allowing even greater freedom and accuracy for the designer – plus the ease of use that comes with a Windows program.

There are three levels to choose from; Starter, Standard or Professional - depending on your degree of expertise and budget.

The Windows version will be available very soon. If you pay for version 6 now, you will receive version 5 to use in the meantime, along with a preview of the new program.

Soft Byte Ltd, Quarry Lane, Nantmawr, Oswestry, Shropshire SY10 9HH. Tel:- 01691-828556.



THE NEW EDDY

The world famous Woolley Weights – the weights that won't snag your knitting – may already be on your Christmas list. The Starter Kit costs £12.00 and the Full Kit £29.00.

From the same team comes the Eddy, a gadget which will bring up your needles in all positions – B, C and D – and is sold in pairs, one for the main bed and one for the ribber. The cost is

£5.00 per pair; please state which machine they will be used with when ordering from:- Woolley Soft Ware, 179-183 Lawn Lane, Hemel Hempstead, Hertfordshire HP3 9JF.



EASY PATTERNS

Are you struggling to cope with normal patterns? Let Patterns Made Easy books come to your rescue!

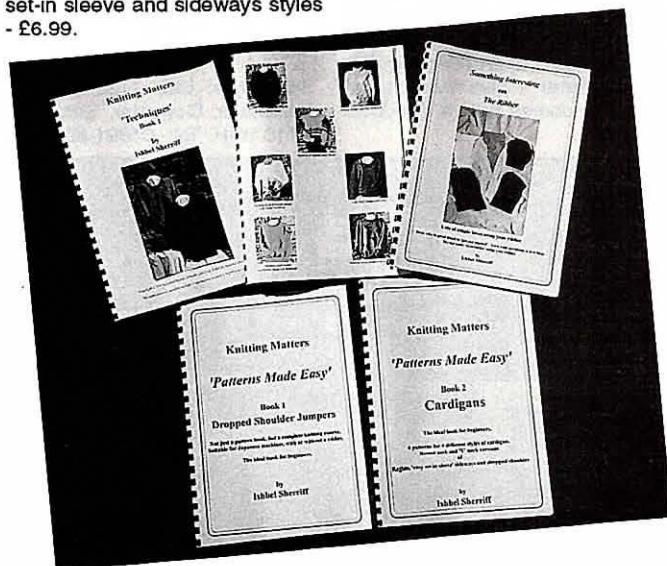
Dropped Shoulder Jumpers – seven patterns in stocking stitch, Fair Isle, tuck stitch and single motif. Row-by-row directions and shaping both sides of the neckline – £6.99.

Cardigans – eight patterns – a round and V-necked version in raglan, dropped shoulder, 'easy' set-in sleeve and sideways styles – £6.99.

Techniques Book 1 – the correct way to carry out single bed technique, where and when to use, contains three useful patterns – £6.99.

Something Interesting on the Ribber – basic ribs and lots of ideas for welts, cuffs, collars and accessories – £5.00.

They are available through mail order, with payment by cheques made payable to Ishbel Sherriff. Her address is:- 18 North Loch Road, Forfar, Angus DD8 3LS



BRILLIANT NOVELTY FOR CHRISTMAS

Supermend is a present which knitters will appreciate. Use this amazing powder to bond floats or 'pulls' on wool and acrylic fibres and keep long strands in place. It is ideal in gloves, sleeves, motifs and children's knitwear.

Sprinkle Supermend directly on to your work, then simply cover with greaseproof paper, heat an iron and hold it above your work to melt the powder. With acrylic yarn, don't press. Just let the iron touch the paper to heat it. Then simply pat the floats into place. Seconds later you can cut through your work with no runs, so Supermend is ideal for the cut and sew technique.

This is how Supermend works so you can imagine how it solves all kinds of problems. It can fix a dropped stitch in seconds or make a buttonhole if you have forgotten to knit one.

Supermend also bonds fabric. Use it to turn up hems, mend rips or tears and patch bumholes and also for applique work, soft furnishings and children's toys (Supermend is non-toxic). It will

also bond fabric to wool, acrylic, wood, cardboard or paper.

A gift that not only knitters will welcome, it costs £5.99 for 50g or just £7.99 for 80g including a full set of instructions. It is also fully washable.

Order with a cheque or postal order from Supermend, Dept MKM, PO Box 300, Basildon, Essex SS14 3RT. Tel: 01268-271244.



LEARNING BY VIDEO

Ann Kite enjoys the Christmas season. She gets involved keeping secrets and helping people choose a video for their knitting relatives or friends. She makes sure that any video ordered – even as late as 20th December, is delivered in time for Christmas.

This year Ann has three new ribber videos at a special introductory

price. Also new this year are Gift Tokens (any value from £15), so if you're not sure which video to choose, give the recipient of your gift the additional pleasure of making her own choice.

Full details of all videos and services from Ann Kite Educational Services, The Llanerch, New Radnor, Powys LD8 2TP. Tel: 01544-350627.



BOOKS TO INSPIRE

Give some real inspiration this Christmas with Busy Bee's new books. Garter carriage owners will love the new Garter Carriage Design Collection (Book 49, £4.75) – five beautiful patterns including a double knit jacket and collared sweater, with special finishing touches but so easy to knit. Another Modern Girls Book – for the garter carriage (Book 48, £3.50) – has similar patterns for 7–12 year olds.

Modern Tuck Stitch Designs for Ladies (Book 47, £3.50) has four long-line sweaters and a jacket, with new distinctly modern 24-stitch designs, whilst Country Classics (Book 50, £3.50) has five modern designs for chunky machines.

All are available post free from Busy Bee Basics, Brooklyn, Ruthin Road, Bwlchgwyn, Wrexham, Clwyd LL11 5UT, or send SAE for a detailed price list.

CUT, SEW AND SAVE

Pam Turbett's 'Revised Knit, Cut and Sew' books 1 and 2 are ideal gifts for those who like both machine knitting and dressmaking! Many competent dressmakers put away their sewing machines when their first knitting machine arrived. New rules were learned – 'Never press acrylics' and 'Cutting knit fabric is very risky!'

These books demonstrate how both strictures can be safely ignored and beautiful, professionally-finished and tailored clothes can be produced. Simple, precise directions and clear diagrams remove the fear of cutting and promote couture standards of fit and finish.

SPECIAL CHRISTMAS OFFER

A £1.00 reduction on the normal price on orders received before January 1st. Book 1 – £8.25. Book 2 – £9.35. Or both books for only £17.00! Also the 'Tailor's Ham Kit' for correctly pressing curved seams – £4.50.



All prices include p&p. Cheque with order to:-

Pam Turbett
Dept MX
17 Forest Rise
Liss
Hants GU33 7AU

Busy Bee

BASICS

THE PERFECT ACCESSORY

Why not send a really useful present this year? PDB electric yarn winders save hours on hand-winding yarns, particularly those time-consuming industrials.

Model sizes start at 125 grammes through to 500 grammes and extra bobbins can also be purchased.

Alternatively knitters can create their own yarns by twisting the combination of their choice on the electric twister. In addition many accessories are available such as pattern holders, tension mast holders, weights and so on.

Full details can be found in the PDB catalogue at £1.00 each refundable on first purchase. Please send to:- 51-53 Robert Street, Northampton, NN1 2NQ, or telephone us on:- 01604-35937.

MERRY
CHRISTMAS TO
ALL OUR READERS



CHRISTMAS CRACKERS

There are a couple of 'cracking Christmas offers' at Yeoman Yarns. Greatly reduced prices and dozens of wonderful colours, put their popular ranges Panama and Sport up among the very best buys this Christmas.

These yarns both knit to any standard 4-ply pattern and offer the choice of an easy-knit mixture of cotton and acrylic in Panama with its fashionable hint of sheen, or the one hundred percent quality of shrink-resistant pure new wool in Sport. Why agonise? Take both – since Panama is reduced to only £6.99 a cone and Sport to just £8.99, with a big range of colours in both!

You won't want to miss this chance to stock up on yarns which are the favourites of many a knitter and if you order five



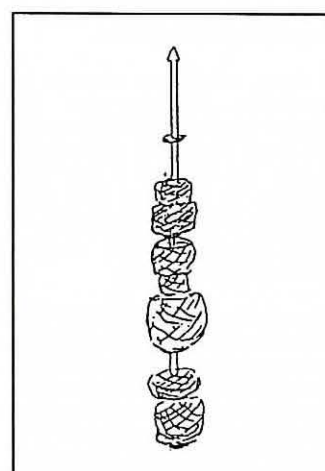
cones or more, the postage is absolutely FREE. See the advertisement on the inside back cover of this issue for full details of this offer and a list of all the colours available.

NEAT AND INEXPENSIVE

Tidy up your cone collection with the Oddments Ladder. Wind off the yarn from all those old cones which are only holding small amounts and fit the balls on to pins which clip together to form a chain.

Designed by Peggy La Riviere to complement the Cone Ladder, which she also designed, the pack consists of four pins, each holding three or four balls, with fittings for hanging the ladder up. It costs just £3.95, plus 45p post & packing.

Peggy is a strong believer in the theory that if you can see it you are more likely to knit it!



La Riviere
67 Bartholomew Road
London NW5 2AH
Tel:- 0171-267 2712.

La Riviere

DUOMATIC UPDATE

THE PERFECT PRESENT

Time is short but you would still like to knit some presents? This could be the perfect answer – a simple waistcoat that will suit and please everyone whether young or old, man or woman.

Hazel Duignan

By some inexplicable means Christmas has arrived again. It seems to come more quickly every year. Perhaps it is due to global warming or even my advancing years.

As usual, I am caught with very little time for knitting and lots of presents to make. However, I have decided that an easy-to-knit waistcoat will suit almost anyone, male or female, large or small. Then it occurred to me that you might like the pattern, instead of the usual update lesson, so you could use it for your own last minute presents. It can, of course, be made longer or shorter than my version and, if you choose to make it longer, then it might be nice to leave an opening at the bottom of the side seams.

The pattern is written for a woman's waistcoat, don't forget to make the buttonholes in the left-front, instead of the right, if you are making it for a man.

I have used two strands of Hushknits Mayfair yarn but almost any three ply weight could be used, if you are prepared to adapt the pattern a bit. The Mayfair is easy to knit and, because it has a percentage of wool, can be steamed, or even pressed if you prefer.

The garment is very simple but, as with most simple things, there are some parts which need a little care. The main one of these is the casting off under the arms and at the back neck. This cast off is to be the finished edge, since there are no bands. If you can cast off really neatly by your usual method then that is fine but if not, try the following method:-

1. Transfer sts to be cast off to the front bed.

2. Thread the double ended bodkin with a long length of yarn (use the yarn as you are using it to knit – for example – two ends of Mayfair or one of three ply).

3. Put the hook of the first needle to be cast off into the empty eye of the bodkin. Pull up, push back so that the two stitches are transferred from the needle to the bodkin and pull them on to the yarn, leaving a long trail of yarn at the end.

4. Continue transferring one pair of stitches at a time, first on to the bodkin and then onto the yarn.

5. When all stitches to be cast off are on the yarn, pull both tail ends of yarn down between the beds and knit on as instructed in the pattern.

6. When the garment is finished, gently pull the tail ends of the yarn and arrange the stitches according to the required measurement. Fasten ends of yarn very securely.

This method is very neat but it can only be used where there is no stretch required, so please do not try it on a neck which has to be pulled over a head. It is, however, ideal for this garment.

Use your normal method of casting off for the shoulder seams.

You should use a multi-transfer tool for all the decreasing. I have used a five-pronged tool but you could use a double or treble transfer tool if you prefer.

I have not used any electronics for my Christmas Waistcoat design but you could, if you wish, use Cast On 2 and then Technique 117 for the longstitch pattern.

CHRISTMAS WAISTCOAT

9

PATTERN RATING

* Easy to knit.

MACHINES

This pattern is suitable for Passap or Pfaff Duomatic 5, 80 or E6000 machines.

MATERIALS

Hushknits Mayfair (used double throughout). (Yarn Guide No.10.)
1 x 250 g cone in Cherry (MY).
7 buttons.

GARMENT WEIGHT

Finished garment in first size weighs 210 g.

The fibre content of this yarn is 80% Acrylic, 20% Wool. For further information about this yarn, please write to the following address:- Hartington Yarns, Unit 5, Balloon Wood, Coventry Lane, Beeston, Nottingham NG9 3GJ.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 107 [117, 127] cm, 42½ [46, 50] in.
Length to shoulder 56 cm, 22 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

50 stitches on each bed to 20 cm and 50 rows to 7.6 cm measured over rib pattern using two ends of yarn and with lock on N/CX (tension dial setting approximately 4/5). Steam before measuring.

For perfect results, please check your tension carefully.

KNITTING NOTES

- No electronics are needed.
- The ease allowance is quite generous to allow it to be worn over a sweater, so check size carefully.
- Use two ends of yarn together throughout.
- If you wish to increase the length, 16 rows will give you approximately 2.5 cm, 1 in.
- Read Duomatic Update on this page before starting to knit.

BACK

Handle down. Orange strippers. Set up 136 [148, 160] Ns on each bed at centre of machine in WP for full needle rib. Inc 1 N at left on back bed. * Set lock on N/N and ss to 2½/2½.

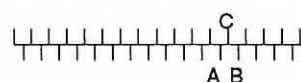
Using two ends of MY, K 1 row. Set lock on CX/CX and ss to 3/3, K 2 rows. Set lock on N/N and ss

to 3½/3½, K 1 row. Set RC at 000. Set lock on N/CX and ss to 3½/4½, K 20 rows *. Set ss to 4/5, K 198 rows. RC shows 218.

SHAPE ARMHOLES

Set RC at 000. Cast off 5 sts on each bed at beg of next 2 rows. K 2 rows. Dec 1 st (4 sts in) on each bed at each end on next and every foll 4th row until 106 [118, 130] sts rem on front bed. K 111

DIAGRAM 1



To make buttonholes, move stitch from needle A one place to left. Move stitch from needle B one place to right. Move stitch from needle C one place to right. Leave empty needles in work and knit on.



rows. RC shows 152. Place marker at each side of centre 40 Ns on front bed. Cast off each section separately.

RIGHT FRONT

Handle down. Orange strippers. Set up 70 [76, 82] Ns on each bed at centre of machine in WP for full needle rib. Inc 1 st at left on back bed. Work as for Back from * to *. Set ss to 4/5, K 2 rows. Make a buttonhole at right edge as shown on Diagram 1. ** K 32 rows. Make a buttonhole over same Ns as before. Rep from ** 5 times more. K 4 rows. RC shows 218.

SHAPE FRONT EDGE AND ARMHOLE

Set RC at 000. Dec 1 st (4 sts in) on each bed at right edge on next and every foll 6th row and at the same time K 1 row. Cast off 5 sts on each bed at beg of next row. K 2 rows.

Dec 1 st (4 sts in) on each bed at armhole edge on next and every foll 4th row until 48 [54, 60] sts rem on front bed. Cont to dec at front edge only on every 6th row from previous dec until 33 [39, 45] sts rem on front bed. K 25 rows. RC shows 152. Cast off.

LEFT FRONT

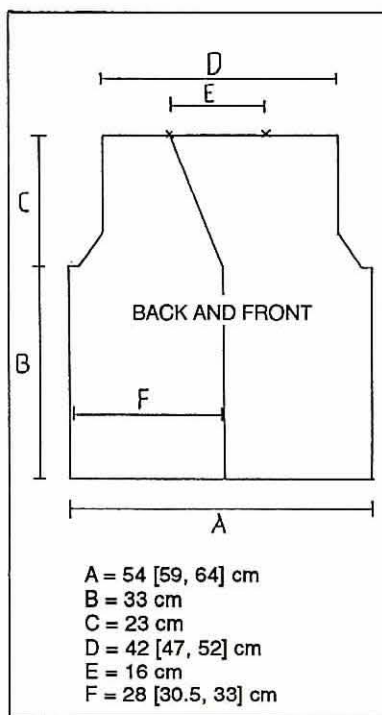
Work as for Right Front, reversing shaping and omitting buttonholes.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join shoulder and side seams. Sew on buttons. Steam and pat seams.



GARTER STITCH JACKET

10

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for Brother standard gauge electronic machines with a garter carriage.

MATERIALS

Forsell Shamal Double Knitting. (Yarn Guide No.14.)
2 x 500 g cones in Maroon (MY).
5 Buttons.

GARMENT WEIGHT

Finished garment in second size weighs 705g.

The fibre content of this yarn is 80% Acrylic, 20% Wool. For further information about this yarn, please write to the following address:- T Forsell & Son Ltd, Blaby Road, South Wigston, Leicester LE8 2SG. Tel: 0116 278 6281.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit chest 87-92 [97-102, 107-112] cm, 34-36 [38-40, 42-44] in.
Actual size 104 [124, 144] cm, 41 [49, 57] in.
Length to shoulder 73 cm, 29 in.
Sleeve seam before turning back cuffs 64 cm, 25½ in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

25 stitches and 38.5 rows to 10 cm, 4 in measured over main garter stitch pattern (tension dial setting approximately 9).

For perfect results, please check your tension carefully.

KNITTING NOTES

- Before knitting, prepare electronic sheets needed from the charts provided. Mark mylar sheets or input pattern from the charts provided. The chart shows left half of pattern only, mirror for right half, omitting the centre stitch column.
- All row counter readings given refer to row counter on garter carriage.
- MKM readers only – SPECIAL OFFER – buy the complete pattern ready to use from disk, in Brother FB100 disk drive or DesignaKnit format, for only £3.00 from:- Angela Gordon, 29 St Helens Road, Sandford, Wareham, Dorset BH20 7AX.

BACK

With garter carriage at right and using MT-3 and MY, create automatic cast-on (pattern No 537 row 1) over 132 [158, 182] Ns at centre of machine. Carriage is at left. Program pattern 534 for 2x2 rib. Set RC to 036. Work 36 rows in 2x2 rib. RC shows 000. Program main garter stitch patt. Set RC to 252 and, using MT, work 150 [144, 136] rows in garter stitch patt. RC shows 102 [108, 116].

SHAPE ARMHOLES

Cast off 15 sts at beg of next 2 rows. 102 [128, 152] sts. Work 100 [106, 114] rows in patt. RC shows 000. Place marker between sts 24 & 25 [25 & 26, 26 & 27] at left and right of centre 0. Cast off.

LEFT FRONT

With garter carriage at right and using MT-3 and MY, create automatic cast-on (pattern No 537 row 1) over Ns 13 to 66 [14 to 79, 14 to 91] inclusive at left of centre 0. 54 [66, 78] sts. Carriage is at left. Program pattern 534 for 2x2 rib.

Set RC to 036. Work 36 rows in 2x2 rib. RC shows 000. Program left half of main garter stitch patt. Set RC to 252 and using MT, work 142 [142, 136] rows in garter st patt. RC shows 110 [110, 116].

1ST AND 2ND SIZE

SHAPE FRONT EDGE

Dec 1 st at right edge on next row. Work 7 [1] rows. RC shows 102 [108].

ALL SIZES

SHAPE ARMHOLE

Cast off 15 sts at beg of next row. Work 0 [6, 5] rows. RC shows 101 [101, 110].

SHAPE FRONT EDGE

Dec 1 st at right edge on next and every foll 9th row until 27 [39, 50] sts rem. Work 10 [10, 1] rows. RC shows 000. Cast off.

RIGHT FRONT

Work as for Left Front, reversing shaping by reading left for right and right for left.

SLEEVES

With garter carriage at right and using MT-3 and MY, create auto-

*Designed by
Angela Gordon*

matic cast-on (pattern No 537 row 1) over 54 [66, 78] Ns at centre of machine. Carriage is at left. Program pattern 534 for 2x2 rib. Set RC to 060. Work 60 rows in 2x2 rib. RC shows 000. Program sheet 1 of main garter stitch pattern (7 sts and 5 rows). Set RC to 216 and, using MT, cont in garter stitch patt. Work 192 rows in patt and at the same time shape sides by inc 1 st at each end on every 5th row until there are 126 sts, then on every foll 6th row until there are 130 [140, 150] sts. RC shows 024. Place marker at each end. Work 24 rows. RC shows 000. Cast off.

BUTTONHOLE BAND

With garter carriage at right and using MT-3 and MT, create automatic cast-on (pattern No 537 row 1) over 196 Ns at centre of machine. * Carriage is at left. Program pattern 534 for 2x2 rib. Set RC to 072. Work 18 rows in 2x2. Counting from right edge, make buttonholes over Ns 6, 7, 8, 9; 26, 27, 28, 29; 46, 47, 48, 49; 66, 67, 68, 69; 86, 87, 88 and 89. Work 36 rows. Make buttonholes over same Ns as before. Work 18 rows. RC shows 000. Using main carriage and MT, K 1 row *. With wrong side of Left Front facing, pick up sts along front edge and place on to Ns. K 1 row. Cast off loosely.

BUTTON BAND

Work as for Buttonhole Band, omitting buttonholes and reading Right Front for Left Front.

BACK NECKBAND

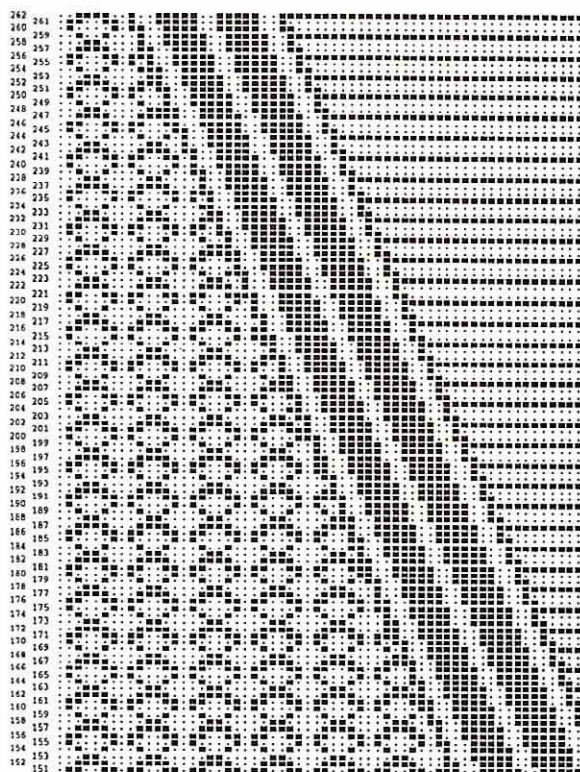
With garter carriage at right and using MT-3 and MY, create automatic cast-on (pattern No 537 row 1) over 48 [50, 52] Ns at centre of machine. Work as for Buttonhole Band from * to *, omitting buttonholes. With wrong side facing, pick up sts along neck edge and place on to Ns. K 1 row. Cast off loosely.

PRESSING

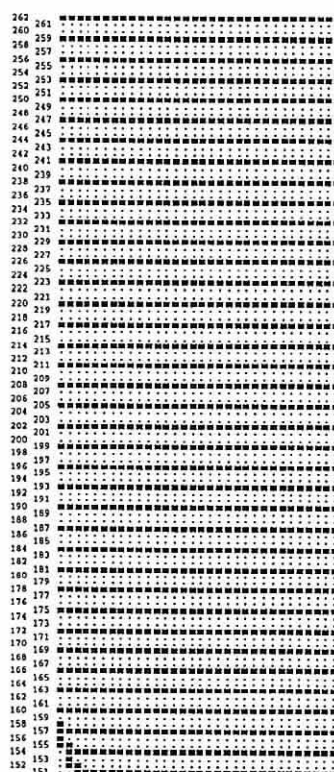
With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions, or cover with a wet cloth and leave to dry if pressing is not recommended.

MAKING UP

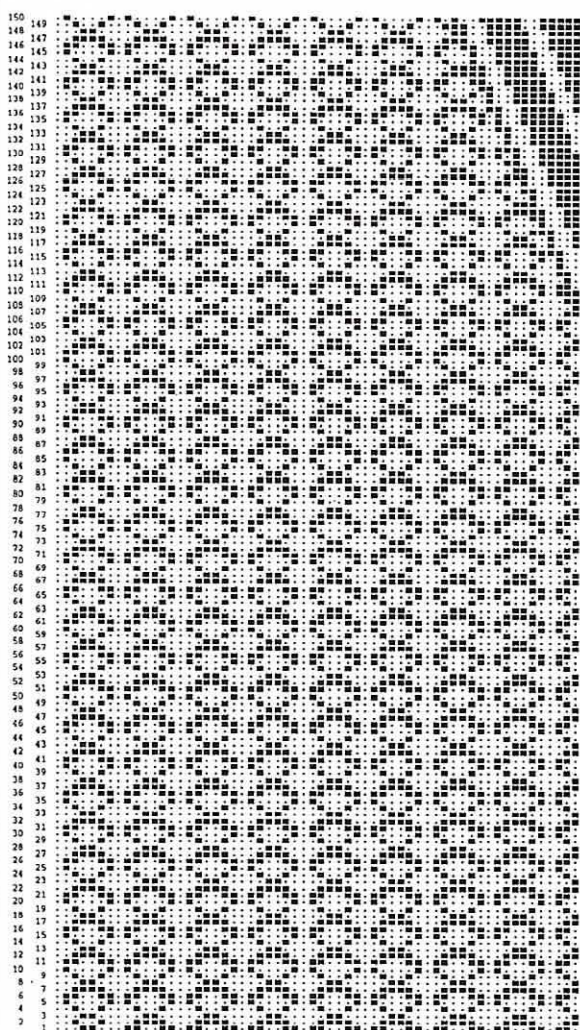
Join shoulder and band seams. Set in sleeves, sewing rows above markers to cast off sts at armholes. Join side and sleeve seams, reversing half of cuff seam. Fold bands in half to right side and join lower edges. Finish double buttonholes together and sew on buttons.



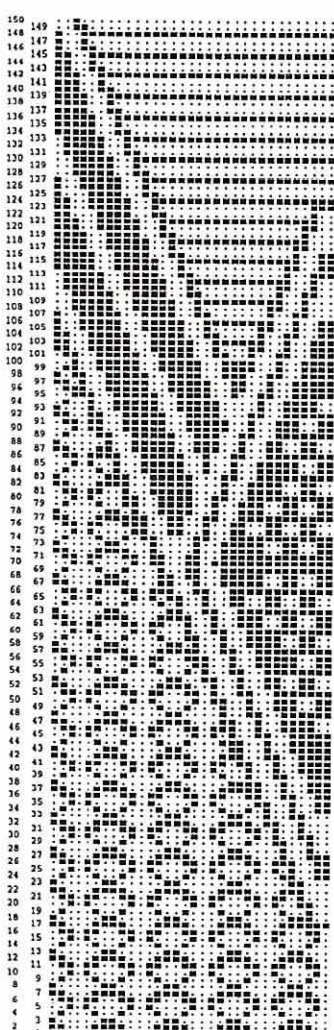
ELECTRONIC CHART 3



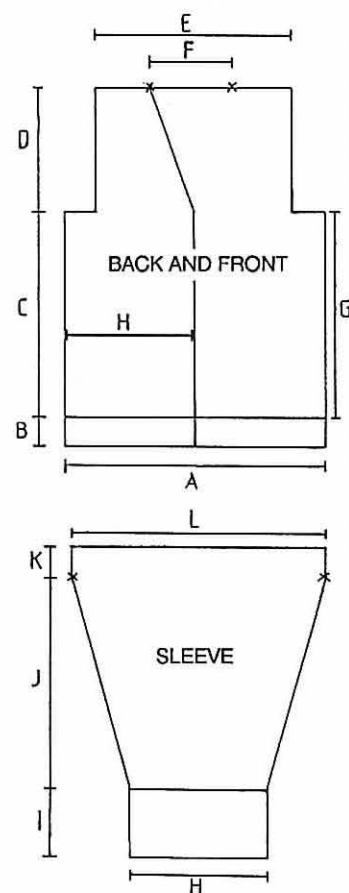
ELECTRONIC CHART 4



ELECTRONIC CHART 1



ELECTRONIC CHART 2



A = 52.5 [63, 72.5] cm
 B = 8 cm
 C = 39 [37, 35] cm
 D = 26 [28, 30] cm
 E = 40.5 [51, 60.5] cm
 F = 19 [20, 21] cm
 G = 36.5 cm
 H = 21.5 [26, 31] cm
 I = 14 cm
 J = 50 cm
 K = 6 cm
 L = 52 [56, 60] cm



BACK

Push 136 [144, 152, 160] Ns at centre of machine to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, cont in cable patt. K 29 rows. Shape sides by inc 1 st at each end of next and every foll 20th row until there are 144 [152, 160, 168] sts. K 84 rows. RC shows 174.

SHAPE ARMHOLES

Cast off 6 sts at beg of next 2 rows *. Dec 1 st at each end of every row until 112 [120, 128, 136] sts rem, then on every foll alt row until 104 [112, 120, 128] sts rem. K 58 [62, 66, 70] rows. RC shows 252 [256, 260, 264]. Push 20 [24, 28, 32] Ns at left and right to HP. Using WY, K a few rows in st st over rem 64 sts and release from machine. Push Ns at right from HP to UWP. Using WY, K a few rows and release from machine. Push Ns at left from HP to UWP. Using WY, K a few rows and release from machine.

FRONT

Work as for Back to *. Dec 1 st at each end of every row until 128 [128, 128, 136] sts rem.

4TH SIZE

K 1 row. Dec 1 st at each end of next and foll alt row. 132 sts.

ALL SIZES**SHAPE NECK**

Using nylon cord, K 85 [85, 85, 87] sts at left by hand taking Ns down to NWP. Cont on rem sts for first side.

1ST AND 2ND SIZES

Dec 1 st at neck edge on 5th and foll 6th row and at the same time dec 1 st at armhole edge on every row until 34 [39] sts rem, then on every foll alt row until 29 [33] sts rem.

3RD SIZE

Dec 1 st at neck edge on 5th row and at the same time dec 1 st at armhole edge on every alt row until 38 sts rem.

4TH SIZE

Dec 1 st at armhole edge on every alt row until 43 sts rem.

ALL SIZES

K 0 [4, 2, 0] rows. Dec 1 st at neck edge on next and every foll 6th row until 20 [24, 28, 32] sts rem. K 9 rows. Using WY, K a few rows in st st and release from machine. With carriage at left, unravel nylon cord over 43 [43, 43, 45] Ns at left, bringing Ns back to WP. Finish to correspond with first side, reversing shaping. With carriage at right, unravel nylon cord over rem 42 Ns, bringing Ns back to WP. Set carriage to hold. Set RC at 000. Using MT and MC, cont in cable patt. * Push 3 Ns at opposite end to carriage to HP, K 1 row. Push 1 N at carriage side

PATTERN RATING

*** For fairly experienced knitters.

MACHINES

This pattern is suitable for standard gauge machines.

MATERIALS

King Cole Anti-Tickle 4-ply (Yarn Guide No.11.)
1 x 500 g cone in Fawn (MY).

GARMENT WEIGHT

Finished garment in second size weighs 410 g.

The fibre content of this yarn is 100% Wool. For further information about this yarn, please write to the following address:- King Cole Ltd, Merrie Mills, Old Souls Way, Bingley, West Yorkshire BD16 2AX. Tel: 01274 561331.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 82 [87, 92, 97] cm, 32 [34, 36, 38] in.
Actual size 88 [93, 98, 103] cm, 35 [37, 39, 40 1/2] in.
Length to shoulder 61 [62, 63, 64] cm, 24 [24 1/2, 25, 25 1/2] in.
Sleeve seam 47 cm, 18 1/2 in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

32 stitches and 42 rows to 10 cm, 4 in measured over cable pattern (tension dial setting approximately 7).

For perfect results, please check your tension carefully.

KNITTING NOTES

- a) We used knit side of knitting as right side of garment, except for cuffs, collar and edgings.
- b) Cables – cross 2 sts at left in front of 2 sts at right.

CABLE PATTERN

* K 10 rows. Make a cable over centre 4 Ns and every foll 13th, 14th, 15th and 16th N at left and right of centre 0. K 10 rows. Make a cable over Ns 7, 8, 9 and 10 and every foll 13th, 14th, 15th and 16th N at left and right of centre 0. These 20 rows from * form pattern.

to HP; rep from * 9 times more. 2 sts rem in WP. Push 1 N at opposite end to carriage to HP, K 1 row. Push Ns at opposite end to carriage from HP to UWP. K 1 row. Push Ns at opposite end to carriage from HP to UWP. Using MT+3, K 1 row. Cast off with a latch tool.

LOWER EDGINGS

Push 124 [132, 140, 148] Ns to WP. With K side facing, replace sts from lower edge on to Ns, dec evenly. Using MT-1 and MY, K 5 rows. Using MT+3, K 1 row. Cast off with a latch tool.

SLEEVES

Push 74 [80, 86, 92] Ns at centre of machine to WP. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, cont in cable patt. Shape sides by inc 1 st at each end of every 9th row until there are 106 [112, 118, 124] sts. K 20 rows. RC shows 164.

SHAPE TOP

Cast off 6 sts at beg of next 2 rows. Dec 1 st at each end of every alt row until 66 [72, 78, 84] sts rem. K 20 rows. Dec 1 st at

each end of next 8 rows. Cast off 2 sts at beg of next 4 rows and 3 sts at beg of next 6 rows. Using WY, K a few rows over rem 24 [30, 36, 42] sts and release from machine. Push 12 [15, 18, 21] Ns to WP. With P side facing, replace 2 sts tog on to each N. Using MT+3 and MY, K 1 row. Cast off with a latch tool.

RIGHT SHOULDER

Push 20 [24, 28, 32] Ns to WP. With K side of right back shoulder facing, replace sts on to Ns. With P side of right front shoulder facing, replace sts on to same Ns. Unravel WY. Using MT+3 and MY, K 1 row. Cast off with a latch tool.

LEFT SHOULDER

Work as for right shoulder but read left for right.

LEFT COLLAR

Cut 10 cm, 4 in lengths of WY in Col A and Col B.

LONG CORD

Push 4 Ns to WP. Using MT-1 and WY/A, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, cont in circular cord knitting *. K until RC

shows 20. Mark with WY/B. K until RC shows 24. Mark with WY/B. K until RC shows 44. Mark with WY/A. K until RC shows 64. Mark with WY/B. K until RC shows 84. Mark with WY/A. K until RC shows 104. Mark with WY/B. K until RC shows 108. Mark with WY/B. K until RC shows 128. Mark with WY/A. K until RC shows 148. Mark with WY/B. K until RC shows 168 **. Mark with WY/A. K until RC shows 188. Mark with WY/B. K until RC shows 192. Mark with WY/B. K until RC shows 212. Mark with WY/A. K until RC shows 232. Mark with WY/B. K until RC shows 252. Mark with WY/A. K until RC shows 288. Fasten off.

SMALL CORDS (KNIT 3)

Work as for Long Cord to *. K until RC shows 40. Using WY/A, K a few rows and release from machine.

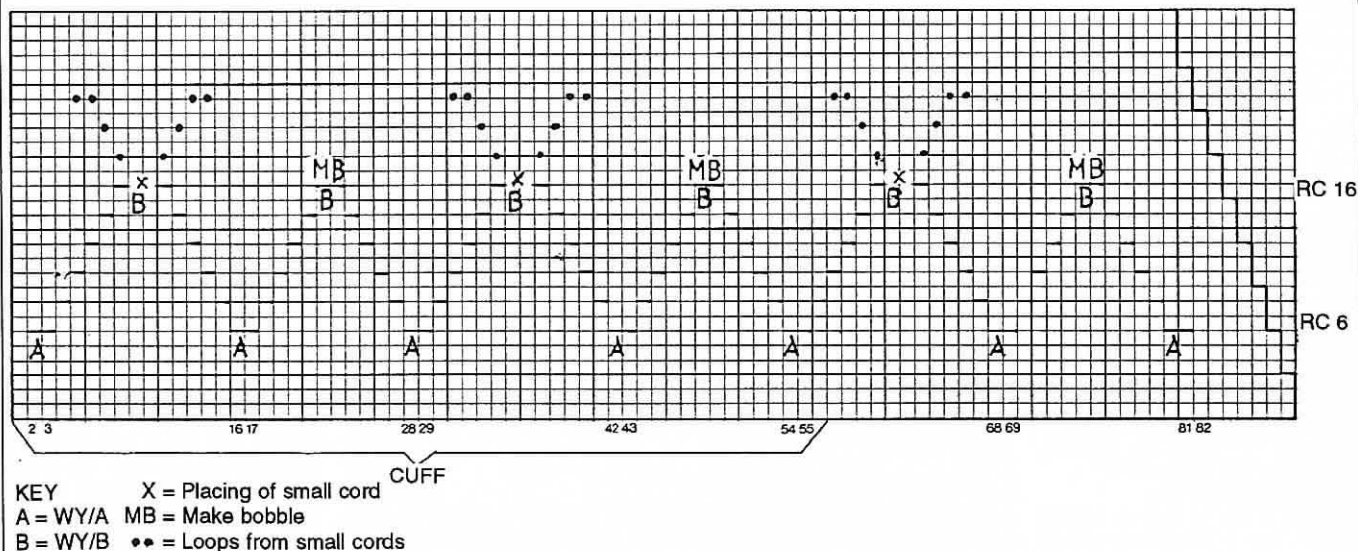
MAIN PART

Push 88 Ns at right of centre 0 to WP. With K side facing, pick up 32 sts across half of back neck and 56 sts down left front neck and place on to Ns. Set RC at 000. Using MT and MY, K 3 rows. Dec 1 st at right edge. K 3 rows. Dec 1 st at right edge. RC shows 006.

PLACE CORDS

(Follow chart at same time, if required.) Remove cast-on WY/A from long cord and place 2 sts tog on Ns 2 and 3. Take next WY/A and pick up 2 MY loops and place one each on Ns 16 and 17. Remove WY. Rep with all WY/A and place on Ns 28, 29; 42, 43; 54, 55; 68, 69; 80 and 81. (Leave end for now.) K 2 rows. Pick up a loop from cord and place on N adjacent to each of the above Ns – that is Ns 4, 15, 18, 27, 30, 41, 44, 53, 56, 67, 70 and 79. K 1 row. Dec 1 st at right edge. K 1 row. Pick up loops as before on to Ns 5, 14, 19, 26, 31, 40, 45, 52, 57, 66, 71 and 78. K 2 rows. Dec 1 st at right edge. Pick up loops as before on to Ns 6, 13, 20, 25, 32, 39, 46, 51, 58, 65, 72 and 77. K 2 rows. Pick up loops as before on to Ns 7, 12, 21, 24, 33, 38, 47, 50, 59, 64, 73 and 76. K 1 row. Dec 1 st at right edge. K 1 row. RC shows 16. (There will be 4 Ns without loops where the crosses will be placed and 2 Ns without loops where the bobbles will be placed.) Working with the bobbles first, pick up loops at WY/B and place on to Ns 22, 23; 48, 49; 74 and 75. (Bobbles will be worked later.) On the cross sts, pass the small cord behind the long cord through the slit, leaving equal ends. Pick up loops from the long 58 ►

COLLAR CHART



cord and place on Ns 8 and 11 and a loop from the top end of small cord and place on N 9, then pick up bottom end of small cord, lift up and place a loop on N 10. Rep in the same way with the remaining 2 small cords as shown on chart. K 2 rows. Dec 1 st at right edge. Pick up loops from small cords and place on Ns 8, 11, 34, 37, 60 and 63. K 2 rows. Pick up loops from small cords and place on Ns 7, 12, 33, 38, 59 and 64. K 1 row. Dec 1 st at right edge. K 1 row. Unravel WY and MY until cords are correct length to place 2 sts tog on Ns 5, 6, 13,

14; 31, 32; 39, 40; 57, 58; 65 and 66. K 2 rows. Dec 1 st at right edge. K 4 rows. RC shows 28 *. Using WY, K a few rows and release from machine, leaving empty Ns in WP. With K side facing, replace sts on to Ns. Unravel WY. Using MT-1 and MY, K 5 rows. Using MT+3, K 1 row. Cast off with a latch tool.

BOBBLES

Push 3 Ns to WP. With P side facing, pick up 3 sts at bobble position and place on to Ns. Using MT-1 and MY, K 6 rows. Cast off. Fold bobbles in half, catch down.

RIGHT COLLAR

Make cords and work as for Left Collar, reversing shaping by reading left for right and right for left, working chart in reverse.

LEFT CUFF

Cut 10 cm, 4 in lengths of WY in Col A and Col B.

LONG CORD

Work as for Long Cord on Collar to **. Using WY/A, K a few rows and release from machine.

SMALL CORDS (KNIT 2)

Work as for Small Cords on Collar.

MAIN PART

Push 0 [0, 3, 3] Ns at left and 56 [56, 59, 59] Ns at right of centre 0 to WP. 56 [56, 62, 62] Ns. Using MT and WY, cast on and K a few rows ending with carriage at right. Set RC at 000. Using MY, cont in patt as for Collar to * over Ns 1 to 56 inclusive at right of centre 0, omitting decreasing. With P side of Sleeve facing, replace sts on to Ns dec evenly. Using MT+3, K 1 row. Cast off with a latch tool, leaving empty Ns in WP. With K side of Cuff facing, replace sts on to Ns. Using MT-1 and MY, K 5 rows. Using MT+3, K 1 row. Cast off with a latch tool. Work bobbles as for Collar.

RIGHT CUFF

Make cords and work as for Left Cuff reading right for left and left for right, working chart in reverse.

SHOULDER PADS (MAKE 2)

Using MY, cast on 38 sts by hand. Set RC at 000. Using MT, K 1 row. Set carriage to hold. * K 1 row. Push 1 N at carriage side to HP; rep from * 36 times more. 1 st rem in WP. Push 1 inside N at opposite end to carriage from HP to UWP on next 37 rows. Using MT+4, K 1 row. Cast off with a latch tool.

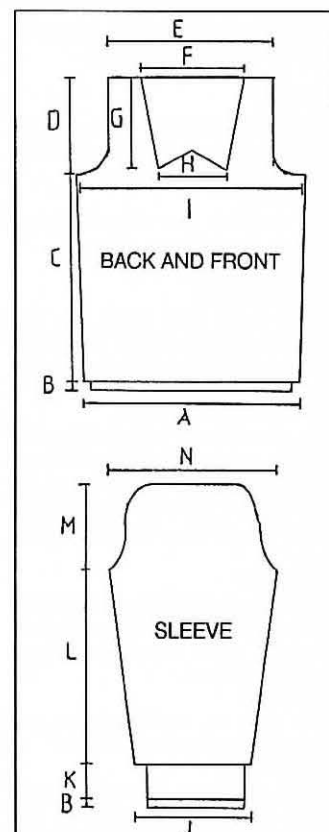
PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if press-

ing is not recommended.

MAKING UP

Join back seam on collar. Cross ends of cords over back seam and catch down. Sew front edges of collar to front. Set in sleeves. Join side and sleeve seams. Join shoulder pads along edges and sew on to shoulder seams.



A = 42.5 [45, 47.5, 50] cm
B = 1.5 cm
C = 41 cm
D = 18.5 [19.5, 20.5, 21.5] cm
E = 32.5 [35, 37.5, 40] cm
F = 20 cm
G = 17.5 cm
H = 13 cm
I = 45 [47.5, 50, 52.5] cm
J = 23 [25, 26.5, 28.5] cm
K = 6.5 cm
L = 39 cm
M = 16 cm
N = 33 [35, 36.5, 38.5] cm

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QUESTION TIME

A FRESH START

The incredible heat of the summer is cooling to a memory and the wonderful rain is just beginning to make me feel that life is back to normal again! I am looking at a blank screen on my computer, because I am in desperate need of inspiration!

Pat Coulston

It's September as I write this article. Apart from enjoying the summer, I have been incredibly busy working on a non-Japanese machine. All the usual knitting classes came to a halt in August, I was also away for our last knitting club and so I must confess that my usual font of stories, questions and queries has dried up a bit!

However, the first classes started last week and my poor old punchcard machines looked a bit sad, beneath their covers. The last thing I did with them back at the end of July, was to move them to their new home – a double table. It was on offer, so I jumped at the chance of buying it! It's absolutely brilliant and incredibly useful. I have a Brother set up on one side and a Knitmaster on the other side. Now, when I want to demonstrate a technique that is different on each machine, Brother knitters watch me on one side and those with Knitmaster machines follow it on the other machine. In a non-teaching situation, it would be possible to put a chunky machine on one side and a standard gauge model on the other. Alternatively, it could be set up to combine electronic and manual machines.

There are two holes, in the centre of the table, through

which the yarn is fed. I was a bit suspicious about this at first but it works very well with no snagging at all. Another bonus of the double table is that it is very solid. Because I have to move it around in the room, I have put castors beneath all four feet, so that I can shift it easily myself. Incidentally, you should never drag your machine across the room when a ribber is attached. By so doing, you put unnecessary strain on the table and weaken it. Put castors beneath the legs, or cut down plastic washing-up liquid bottles, so that the legs of the table look as if they have little shoes on them and then the machine moves easily.

BACK TO WORK

Now back to my poor, neglected machines. It goes without saying that I brushed the needle bed thoroughly, cleaned beneath the machines and lightly oiled them. Another product I purchased which I have never tried before, is Knitting Machine Cleaner Spray which is ozone friendly. I used this on the plastic parts of the machine, as directed and it is excellent. However, I covered up the needle bed with a towel so that the foam did not get into the cracks and crevices of the needle bed. I returned the retaining bar back into the machine – yes, I did say returned it. All the time

the retaining bar is in the machine, it is under pressure. If you know that your machine will not be used for a time, remove the bar completely and you will be prolonging its life! My machines are now gleaming clean and working smoothly, thanks to their cleaning and light oiling.

Don't forget, it will be winter when you read this so, if your machine is in a centrally heated room, it will need extra care. It will require more cleaning and light oiling because heat dries up the oil on your machine very quickly.

RIB TRANSFERS

An interesting point was raised at the first autumn session in connection with the **Brother transfer carriage** and I would like to share it with you. The Brother transfer carriage is one of the most hardy and reliable of accessories on the market. However, although one of the members uses her transfer carriage for 1x1 rib, that is her only success. As soon as she tries to knit a 2x2 commercial rib, she encounters problems and has not even tried to transfer full needle rib. So now we'll look at both ribs and try to solve some of the problems.

2x2 COMMERCIAL RIB

It is always a good idea, whilst you are at the learning stage, to knit the final row of this rib at a tension one whole number higher than you have been using for the rib. As you become more experienced, you can reduce this. However, if the yarn you are using is a fancy one, or one that you do not know very well, always increase the tension. You'll find that it will prevent many dropped stitches and jams. Another very important point to remember is never to knit the final row of rib with the slide dial on 11. It must be done on 1.

1. Bring up all out-of-work needles to working position on main bed, then add about four more at right hand side.

2. Rack the ribber one place to the left. For example, if you are on H5, rack to H4 and so on.

3. With the 2x1 needle selector, bring up the first of every pair of needles on the ribber bed to upper working position. (You could bring up the second needle of every pair, it really does not matter.)

4. Remove the weights. This is not essential but usually advisable.

5. Put the little metal lever on the bottom left hand side of the transfer carriage to the up position.

6. Put the transfer carriage on to the machine, making sure it can move freely.

7. Take the transfer carriage from the right to the left evenly and with a small amount of pressure on it.

8. Look at the needles that were involved with the transfer and note they all have a loop of yarn on them. This is correct. With the 2x1 needle selector, take down to non working position all these needles. With the flat side of the selector or your thumb, push back all the needles on the main bed, that came just a tiny bit forward.

9. Put the little metal lever to the down position. Put the carriage back on to the machine at the left and move it across remaining needles.

10. The needles on the ribber have a loop of yarn caught on each needle. With the flat side of the selector, push all these needles to rest position.

11. Hey presto, the transfer is complete in a fraction of the time it would take you to transfer all these stitches with a double-ended bodkin.

WARNING

Damaged needles will produce dropped stitches – this is inevitable. If the same stitch

drops each time you use the transfer carriage, then almost certainly a damaged needle is the cause.

EVERY NEEDLE RIB

This is worked exactly as for 2x2 commercial rib. Rack the ribber and bring up alternate needles on the ribber bed, exactly as you did for the 2x2 rib. The only difference is that you do not, of course, have to bring up empty needles from non working position to working position – they are already in use. Do however, bring up four extra empty needles at the right on the main bed. These four needles help the transfer carriage to 'lead in' to the transfer and will help you to use your transfer carriage with every success.

CAST OFF LINKER

It was almost inevitable that, whilst we were discussing the transfer carriage, a question would be raised about the cast off linker. A recurring problem with this accessory seemed to be that it worked well for a while, but then jammed. So, let me try to help you by suggesting some of the main points to remember when using a cast off linker. Firstly, the cast off edge produced is similar to a crochet latch off finish. It is a firm cast off and suitable for use where such a method is required.

1. The final row should be knitted at Tension 10. The linker only works from right to left, so try also to knit this final 'high tension' row right to left.

2. Bring all needles to holding position.

3. Remove the cast-on comb if it is still in place. It is always best to do this after bringing needles to holding position – you'll see why when you do it!

4. Place a claw weight at the extreme right-hand edge of the knitting, about three rows down. It's important that it hangs half on the knitting and half off because the weight is needed on the very end stitch.

5. Put the linker on the machine and slide it up to edge of knitting. Push it on a bit further, so that edge of the knitting goes over the white plastic 'tongue'.

6. Lock the linker and start to turn the handle. As you turn, make sure the knitting goes over the white plastic tongue all the time. To do this, have a single transfer tool in your left hand and as soon as you think the knitting is not going where it should, use the tool to gently bring it forward. This will ensure that it always goes into the right place because if the knitting goes behind the white plastic tongue, this usually causes jamming.

7. Keep turning and linking to the end of the work.

WARNING

It goes without saying that good needles are essential on a knitting machine. However, in addition to this, good sinker posts are vital. As you turn the handle of a cast off linker, you bring forward needles, one at a time. If the sinker posts are bent, the needle hits the sinker post and cannot come forward. This results in the next stitch not knitting and then the whole lot comes undone.

As it is the beginning of a new knitting season – remember, it is September as I write this – I have been very good and cleaned out all my knitting machine cupboards and drawers, sorted magazines and, although it was incredibly difficult to do, got rid of yarn that I knew I would not be needing! However, this will not stop me buying new yarns when I go to machine knitting centres, shops and knitting exhibitions – what machine knitter can resist! My punch-cards are all neatly sorted in separate packets – single motifs, small designs, double jacquard and a huge packet I've called 'miscellaneous'. Well, I can't be totally ruthless and throw everything away, can I?



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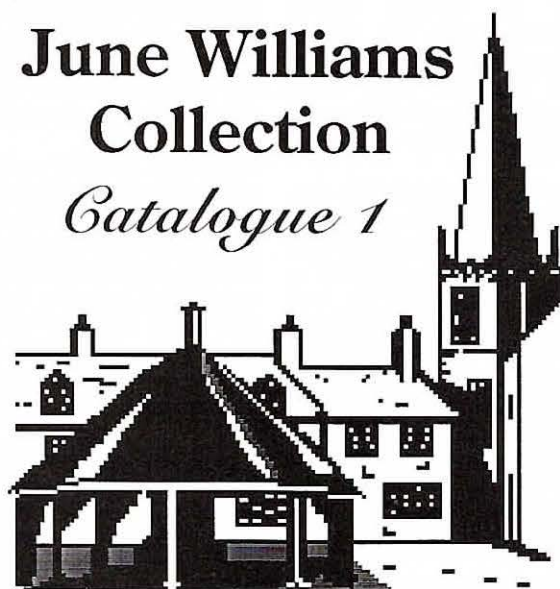
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BROTHER JOHN

MAKING THE MOST OF THE SINGLE BED COLOUR CHANGER - Part 3

In this, the final article on the single bed colour changer, we shall be looking at multi-colour tuck stitch and a multi-colour slip stitch technique which allows us to knit Fair Isle with more than one contrast colour in each row of knitting.

John Blakeman

MULTI-COLOUR TUCK STITCH

In last month's article, we produced a sample of two-colour tuck and saw how this produced a mosaic-like pattern which bore little resemblance to the tuck stitch pattern from which it was knitted. The same is true when knitting multi-colour tuck. It is very difficult to design colour schemes when the knitted pattern is so different from the stitch pattern, so some thought and learning by experience is essential.

If you like the style of the patterns and the finished fabrics, but do not want to go to any great lengths to produce a design, you would be well advised to collect the Brother Punch Card Pattern Books. In these, you will find numerous ready-made stitch patterns complete with colour change schemes. Many of these are ingenious and come from an outstanding grasp of the technique by the designer.

If, on the other hand, you want to produce a design of your own, then you need to experiment. If you are a punchcard machine user, remember that on a tuck stitch pattern there are generally more holes punched than left un-punched, so you have some work in front of you. Electronic machine users can take an easier route by enter-

ing the 'un-punched' stitch positions of the pattern into the machine and then use the machine with the 'negative' button turned on.

First, select the tuck stitch pattern. I shall be using that given as Figure 1 in last month's article. I generally begin by knitting a swatch of this as two-colour tuck, since I need to see what is happening in the knitting in order to be able to decide how to arrange the colour scheme.

Generally, we will want the stitches that form the continuous lines, crosses and squares of the pattern to be in a single colour. These stitches are formed from the first pair and then alternate pairs of rows of the stitch pattern, that is rows 1 and 2, 5 and 6, 9 and 10 and so on.

If we want a particular shape to be in a different colour, then we need to identify which of the above pairs of rows in the stitch pattern produce that shape. This is most easily done by inserting a contrasting thread through the swatch at the start and end of the shape and turning the swatch over to the purl side.

We can see the stitch pattern on the purl side and can translate the positions of the marker yarn to the rows of the stitch pattern. Remember that

these stitches will have been formed by the odd numbered pairs of rows of the stitch pattern.

Usually, we will want the colour changes to occur in those stitches that form the background colour of the two colour swatch. These stitches are knitted by the second pair and then alternate pairs of rows of the stitch pattern, that is rows 3 and 4, 7 and 8, 11 and 12 and so on.

Colour changes in the background need to emphasise the different slants from the horizontal that the knitting takes. Again, inserting a latch tool or bodkin to pull a contrast yarn through the knitting to the purl side will enable you to identify the rows of the stitch pattern where these changes occur.

In Figure 1, the stitch pattern is repeated with a scheme of colour change information given on the right hand side. Remember, if you are using a punchcard machine, that this information needs to be written on the card seven rows higher than it is shown in the diagram.

This is only one of a number of possible colour change schemes and the results are shown in photograph A. You might try producing other colour change schemes.

Photograph B shows the purl side of the fabric which you might like to use as the 'right' side. This has a more 'ethnic' and 'masculine' look about it.

To knit a sample of this, thread up your colour changer with your four yarns of different colours. Essentially, it is knitted in the same way as two-colour tuck except that we need to follow the colour change information.

Cast on using the method described in the last article, but use Colour 3 or Colour 4 for the knitting prior to the e-wrap. It is necessary to have the waste rows on the machine to cover the gate pegs so that the tucking brushes and fabric brushes and wheels have something to work on when the pattern knitting starts. If you start with a welt, this waste knitting is not necessary. As with most tuck patterns, multi-colour tuck requires a little weighting and you will find that claw weights are sufficient whatever the width of the work.

MULTI-COLOUR SLIP STITCH

This technique is not an answer to a maiden's prayer. The fabric it produces is quite thick and will have limited uses. Care needs to be exercised in the choice of pattern to avoid long loops on the reverse side and I suggest that you knit a sample of a chosen pattern before you attempt anything serious.

I shall cover the technique in its simplest form which uses three colours in each row. Like Double Jacquard knit-

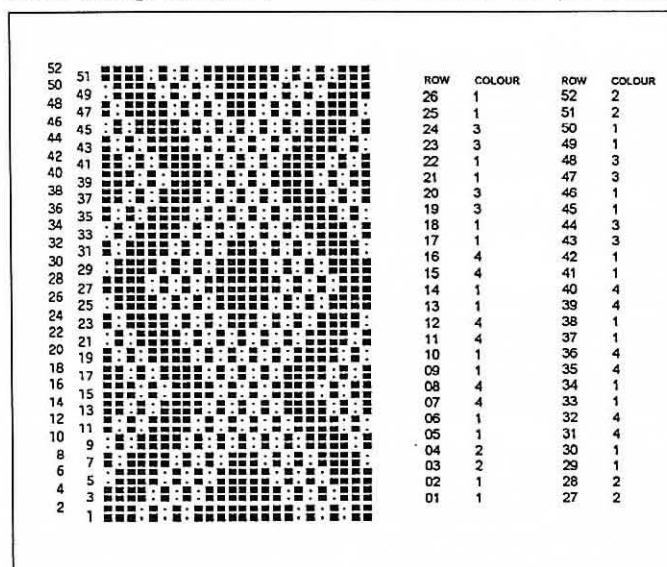


FIGURE 1 - Sample colour change scheme for multi-colour tuck stitch pattern

ting, the technique is based on building up the work one pair of rows at a time. Only one yarn is used at a time and therefore preparation of the stitch pattern involves colour separation. This is similar to but not the same process as used in Double Jacquard knitting. We must begin with a colour plan which shows how the finished pattern should look. The colour plan I am using is shown in Figure 2. For the purpose of clarity, the Colour 1 stitches are shown as dots.

Divide the rows of the colour plan into what we shall call pattern blocks. The pattern blocks comprise successive pairs of rows, that is pattern block No.1 is made up of rows 1 and 2, pattern block No. 2 comprises rows 3 and 4 and so on. There are therefore 26 pattern blocks in my 52 row colour plan.

Since each colour is knitted individually, the new stitch pattern will comprise two rows of information for each colour used in each pattern block. My colour plan uses three colours in each and every pattern block, so the finished stitch pattern will be 26 pattern blocks multiplied by two rows multiplied by three colours. It is therefore 156 rows long.

The new stitch pattern is constructed by converting each pattern block in the manner shown in Figure 3. Each pattern block will create six rows in the new stitch pattern. If you were converting a colour plan to four-colour format, each pattern block would give

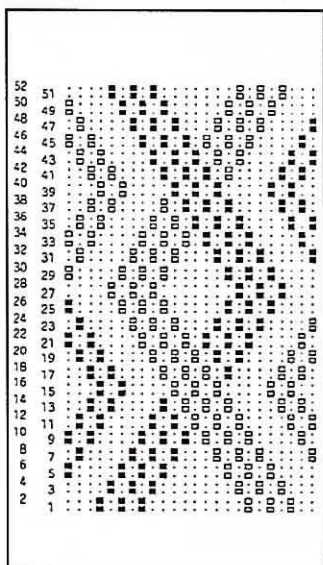


FIGURE 2 - Colour plan for 3-colour slip stitch

rise to eight rows of stitch pattern. Row 7 would be punched where Colour 4 appeared in the first row of the pattern block and Row 8 would be punched where Colour 4 appeared in the second row of the block.

The finished stitch pattern is given in Figure 4. I suggest you follow the conversion through from the colour plan to the finished stitch pattern so that you can be sure you understand the process. Colour information is not marked in this figure, but follows the repeating rhythm of two rows Colour 1, two rows of Colour 2 and two rows of Colour 3 throughout the card.

In producing your own stitch patterns, a few words of caution are necessary:-

1) The colour plan must have an even number of rows.

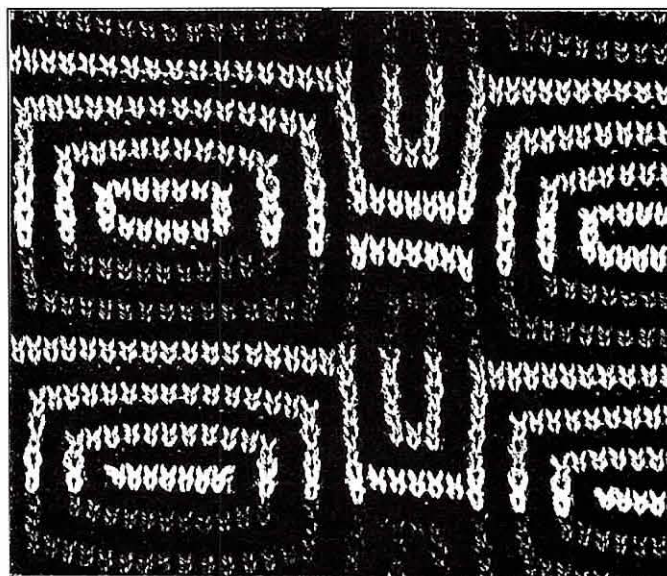
2) The colour number of any stitch in the second row of a pattern block must be the same or higher than the corresponding stitch in the first row of the block. This requires an explanation. In any pattern block we cannot put a stitch of, say, Colour 1 above a stitch of Colour 2 because this is impossible to knit. The Colour 1 stitches of both rows are knitted before the Colour 2 stitches in either row, therefore if it is attempted, you will find the two colours to have swapped rows.

3) A colour used in any pattern block must appear in both colour plan rows of that pattern block. In effect, if you are going to use a colour it cannot just appear in one row of the pattern block. If attempted you will be left with a loop running from one edge of the knitting to the other and the possibility of a carriage jam.

4) If a colour is not required in a pattern block do not insert blank rows in the new stitch pattern. I make this note because it is the reverse of what we need to do in Double Jacquard knitting. Depending on whether you are knitting with end needle selection or not, you will either make two passes of the carriage to no effect (that is with no end needle selection), or have two long loops of yarn running from one edge of the work to the other (that is with end

needle selection). If you have to omit a colour then you must remember to mark your punchcard with the colour information, or ensure that you enter it as memo data in an electronic machine. You

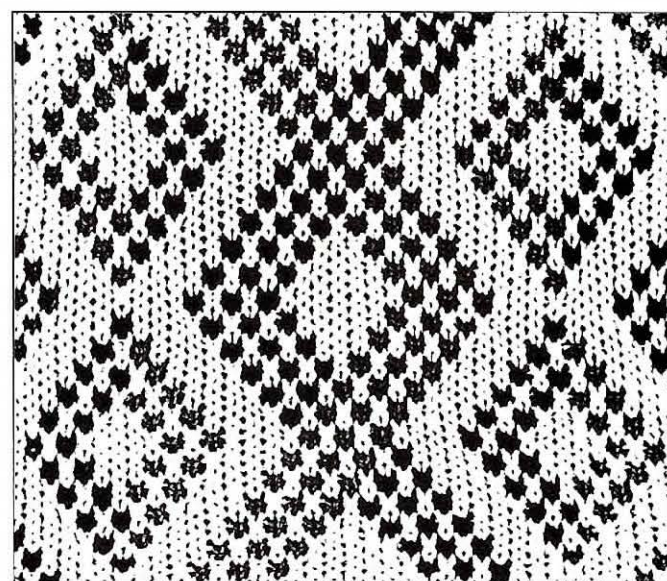
will see that the colour plan I am using has met all these rules, which suggests that a simple tuck stitch pattern might be a very good starting point for a design. This one looks quite pleasant on the



PHOTOGRAPH A



PHOTOGRAPH B



PHOTOGRAPH C

BACK

With carriage at right and using MT-5/MT-5 and MC, cast on 76 [82, 86, 90, 94, 98, 102] sts at centre of machine in 1x1 rib. K 2 tubular rows. Carriage is at left. Set machine for 1x1 rib knitting. Set RC at 000. K 21 rows. Transfer sts as shown in Diagram 1. Set RC at 000. Using MT/MT, K 64 rows. Place marker at each end *. K 52 rows. RC shows 116.

SHAPE NECK

Push 20 [23, 25, 27, 29, 31] Ns at left and right to HP. Using WY, K a few rows over rem 36 [36, 36, 40, 40, 40] sts and release from machine. Push Ns at right from HP to UWP. Using MC, K 4 rows. Using WY, K a few rows and release from machine. Push rem Ns from HP to UWP. Using MC, K 4 rows. Using WY, K a few rows and release from machine.

FRONT

Work as for Back to *. K 34 rows. RC shows 98. 22 rows less have been worked to Shoulder than on Back.

SHAPE NECK

Push 44 [47, 49, 51, 54, 56, 58] Ns at left to HP and cont on rem sts for first side. K 2 rows. Push 4 [4, 4, 4, 5, 5, 5] Ns at neck edge to HP, K 2 rows. Push 3 Ns at neck edge to HP, K 2 rows. Push 2 Ns at neck edge to HP, K 2 rows. Push 2 Ns at neck edge to HP, K 2 rows. Push 1 N at neck edge to HP, K 2 rows. 20 [23, 25, 27, 29, 31] sts. K 10 rows. Using WY, K a few rows and release from machine. With carriage at left, push 32 [35, 37, 39, 40, 42, 44] Ns at left from HP to UWP and finish to correspond with first side, reversing shaping. Push rem 36 [36, 36, 40, 40, 40] Ns from HP to UWP. Using WY, K a few rows and release from machine.

RIGHT SHOULDER

With wrong side facing, pick up sts from shoulders of Back and Front and place on to 4.5mm knitting needles. With right sides facing, cast off both sets of sts tog with a 5mm needle.

NECKBAND

Push 85 [85, 85, 85, 93, 93, 93] Ns to WP. With carriage at right and wrong side facing, pick up 3 sts down left side of back neck, 36 [36, 36, 36, 40, 40, 40] sts across back neck, 3 sts up right side of back neck, 10 sts down right side of front neck, 36 [36, 36, 36, 40, 40, 40] sts across front neck and 9 sts up left side of front neck and place onto Ns as follows:-

PATTERN RATING

** Fairly easy for knitters with some experience.

MACHINES

This pattern is suitable for chunky machines with a ribber.

MATERIALS

Water Wheel Concorde Chunky. (Yarn guide No.18.)

8 [8, 8, 9, 9, 10, 10] x 100g balls in Stone (MC).

1 x 100g ball in Taupe (C).

Pair 5mm knitting needles.

Pair 4½mm double pointed knitting needles.

GARMENT WEIGHT

Finished garment in fourth size weighs 775g.

The fibre content of this yarn is 100% Courtele Acrylic. For further information about this yarn, please write to the following address:- Thomas B Ramsden & Co. (Bradford) Ltd., Netherfield Road, Guiseley, West Yorkshire, LS20 9PD. Tel: 01943-872264.

PATTERN INFORMATION

For a list of the abbreviations we use, our Yarn Guide and mock rib instructions, please look under Pattern Information in Contents list on page 5.

MEASUREMENTS

To fit bust 82 [87, 92, 97, 102, 107, 112] cm, 32 [34, 36, 38, 40, 42, 44] in.

Actual size 92 [100, 105, 110, 115, 120, 125] cm, 36½ [39½, 41½, 43½, 45½, 47½, 49½] in.

Length to shoulder 63.5 cm, 25 in.

Sleeve seam 52 cm, 20½ in.

Instructions are written for the first size, larger sizes follow in brackets. If only one figure is given, it applies to all sizes.

TENSION

16 stitches and 22 rows to 10 cm, 4 in measured over 6x8 rib pattern (tension dial setting approximately 9/9).

For perfect results, please check your tension carefully.

KNITTING NOTES

a) The designer recommends that two large weights should be used and that the ribber comb and weights should be left on the work throughout.

b) Use correct side of sleeve to match back and front rib.

c) When shaping in HP, always take yarn round first inside N in HP to prevent a hole forming.

1ST, 2ND, 3RD AND 4TH SIZES

1 st on to each of first 3 Ns, * 2 sts tog on to next N, 1 st on to each of next 4 Ns, 2 sts tog on to next N, 1 st on to each of next 6 Ns *. Rep from * to * once more. 2 sts tog on to next N, 1 st on to each of next 4 Ns, 2 sts tog on to next N, 1 st on to each of next 13 Ns, rep from * to * twice more, 2 sts tog on to next N, 1 st on to each of next 4 Ns, 2 sts tog on to next N and 1 st on to each of last 9 Ns.

5TH AND 7TH SIZES

1 st on to each of first 5 Ns, * 2 sts tog on to next N, 1 st on to each of next 4 Ns, 2 sts tog on to next N, 1 st on to each of next 6 Ns *, rep from * to * once more, 2 sts tog on to next N, 1 st on to each of next 4 Ns, 2 sts tog on to next N, 1st on to each of next 17 Ns. Rep from * to * twice more, 2 sts tog on to next N, 1 st on to each of next 4 Ns, 2 sts tog on to next N, and 1 st on to each of last 11 Ns.

6TH SIZE

1 st on to each of first 4 Ns, * 2 sts tog on to next N, 1 st on to

each of next 6 Ns, 2 sts tog on to next N, 1 st on to each of next 4 Ns *, rep from * to * once more, 2 sts tog on to next N, 1 st on to each of next 6 Ns, 2 sts tog on to next N, 1 st each of next 15 Ns, rep from * to * twice more, 2 sts tog on to next N, 1 st on to each of next 6 Ns, 2 sts tog on to next N and 1 st on to each of last 10 Ns.

ALL SIZES

Using MT and MC, K 1 row. Transfer sts for 1x1 rib. Using MT-5/MT-5, K 7 rows. Transfer sts for st st. Using MT-3, K 8 rows. Using WY, K a few rows and release from machine. Using 5mm needles, pick up sts and cast off.

LEFT SHOULDER

Work as for Right Shoulder.

SLEEVES

With carriage at right and using MT-6/MT-6 and MC, cast on 38 sts at centre of machine in 1x1 rib. K 2 tubular rows. Carriage is at left. Set machine for 1x1 rib knitting. Set RC at 000. K 15

rows. Transfer sts as shown in Diagram 2. Set RC at 000. Using MT/MT, K 5 rows. Inc 1 st [2 sts in] at each end of next and every foll 4th row until there are 82 sts. K 10 rows. RC shows 100. Using WY, K a few rows and release from machine.

ARMHOLE SEAMS

Push 82 Ns to WP. With carriage at right and wrong side facing, pick up sts along armhole edge between markers and place on to Ns. With right side of sleeve facing, replace sts on to same Ns. Unravel WY. Using MT-2 and C, K 8 rows. Using MT-1, K 1 row. Using WY, K a few rows and release from machine. Using 5mm needles, pick up sts and cast off.

PRESSING

With wrong side facing, block knitting by pinning out all pieces to measurements given. Press carefully following spinner's instructions or cover with a wet cloth and leave until dry if pressing is not recommended. Allow to dry in shape before removing pins.

MAKING UP

Join side, sleeve and neckband seams. Roll armhole bands to show P side and catch down. Roll neckband edging and oversew with C.

DIAGRAM 1 (1ST AND 2ND SIZES)

Main Bed
7 [10] 8 8 8 8 7 [10]
6 6 6 6 6
Ribber

DIAGRAM 1 (3RD, 4TH AND 5TH SIZES)

Main Bed
4 [6, 8] 6 6 6 6 6 4 [6, 8]
8 8 8 8 8
Ribber

DIAGRAM 1 (6TH SIZE)

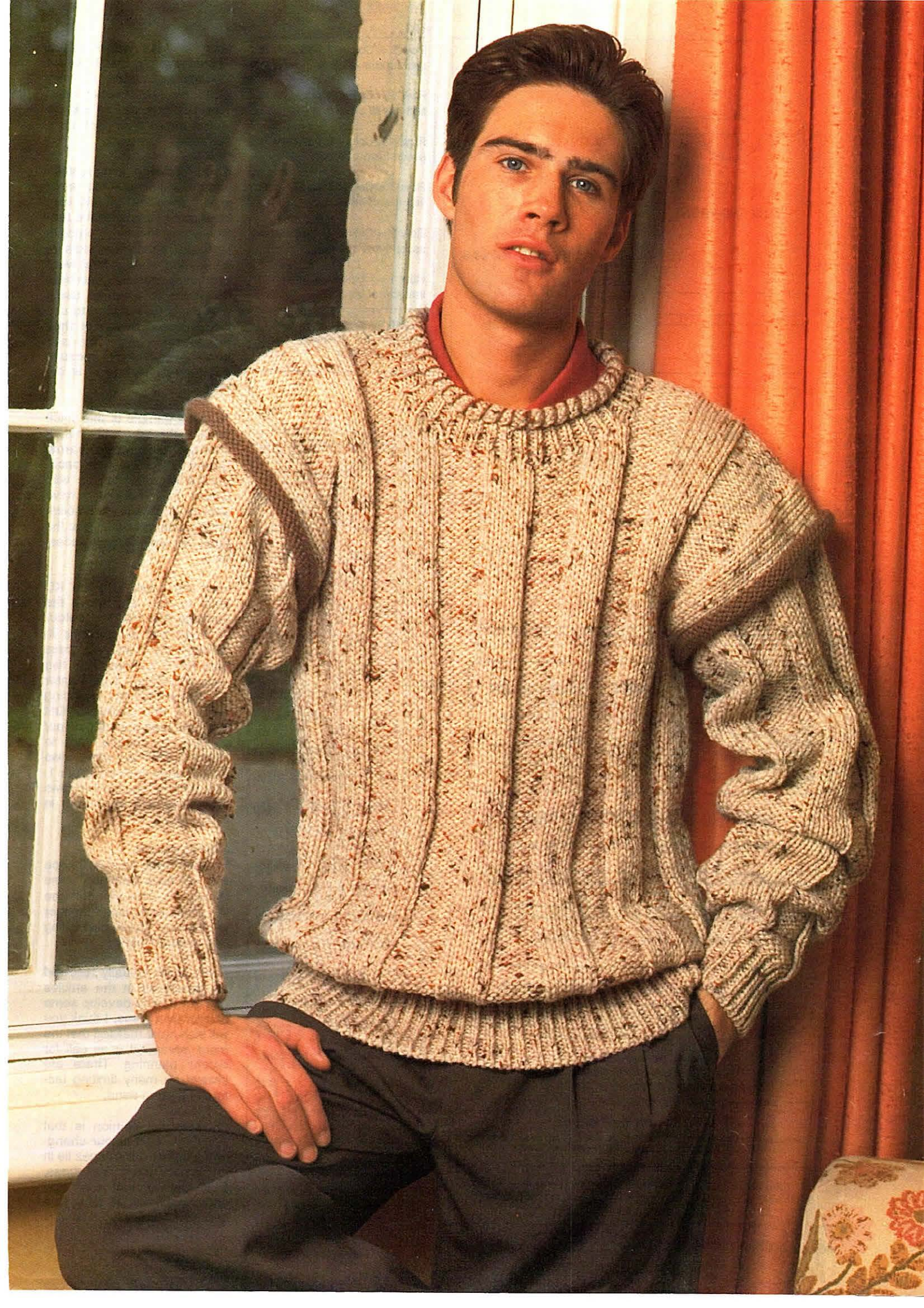
Main Bed
11 8 8 8 8 8 11
6 6 6 6 6
Ribber

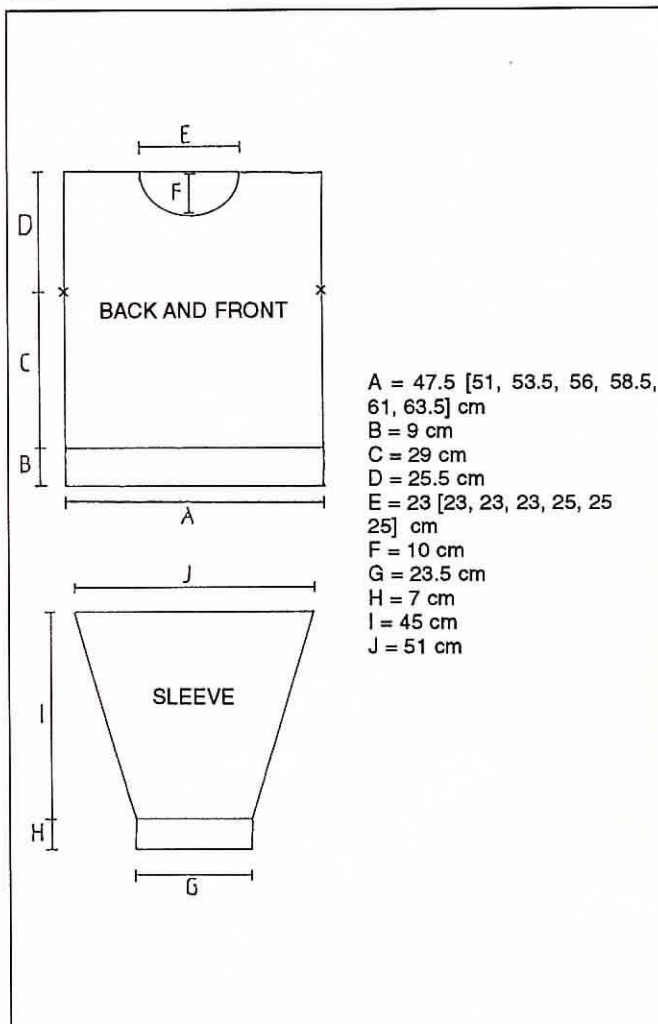
DIAGRAM 1 (7TH SIZE)

Main Bed
6 8 8 8 8 8 6
6 6 6 6 6
Ribber

DIAGRAM 2

Main Bed 6 6 6
Ribber 2 8 8 2





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Row 6 = Colour 3 positions in
 second row of block

Row 5 = Colour 3 positions in
 first row of block

Row 4 = Colour 2 positions in
 second row of block

Row 3 = Colour 2 positions in
 first row of block

Row 2 = Colour 1 positions in
 second row of block

Row 1 = Colour 1 positions in
 first row of block

FIGURE 3 - Conversion
 scheme for 3-colour multi-
 colour slip stitch

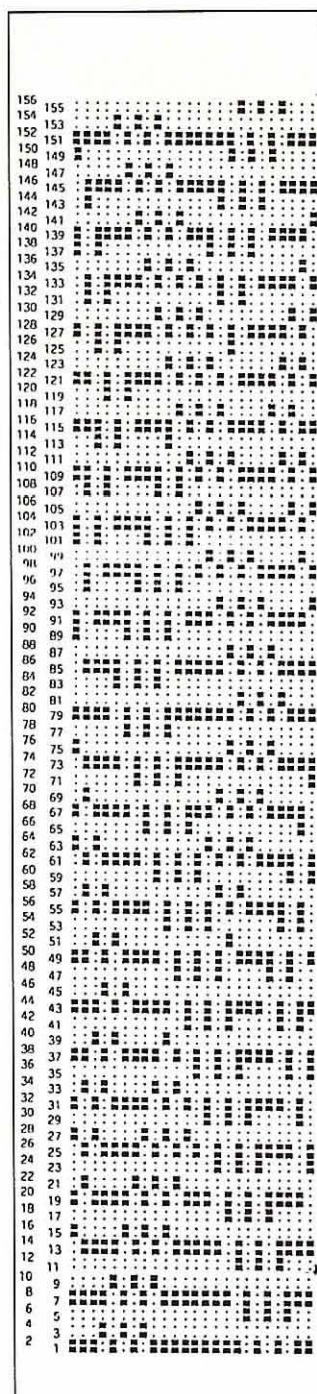


FIGURE 4 - Three colour slip
 stitch pattern in single bed
 colour changer format.

face of the fabric (see Photograph C), but it suffers the disadvantages of long loops on the reverse side. These can be can be latched up but this is a long job on a garment.

If you do intend using a stitch pattern which requires latching up then you should also latch up the loops on the tension piece, since the process tends to reduce the width of the knitted work. A final word of warning must be given here to electronic machine users who might be tempted to use the Jacquard button of their machine to convert the pattern - please don't, because the conversion format is different.

To knit a sample of this stitch pattern, thread up the colour changer with three yarns, Colour 1 being the background colour. Cast on with Colour 1 in the way I have shown in previous articles, ending with the carriage at the right. No weighting is necessary.

Hold the card, turn the KC knob to KC1 and move the carriage toward the colour changer without entering it. Release the card and press both PART buttons. Knit two rows with Colour 1 then enter the colour changer, replacing the yarn with Colour 2. Knit two rows then enter the colour changer to change yarn to colour 3. Knit two more rows then change back to Colour 1. This pattern requires two rows of knitting with each yarn in sequence.

CONCLUSION

In these three articles, I hope you will have obtained some ideas as to how you can use the single bed colour changer to produce some interesting and unusual fabrics.

If you have actually followed the examples in the articles and gone on to develop some of your own ideas, I think you will also have realised that the more advanced uses call for careful planning. There are always so many limiting factors to bear in mind.

My personal opinion is that the single bed colour changer's greatest advantages lie in its simplest uses. With these, it is an efficient tool that encourages the exciting use of colour.

DEAR ANNE...

Share your thoughts with us by writing to Anne at Machine Knitting Monthly, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW.

★ STAR LETTER ★

Dear Anne,

In February 1993 I noticed that my sight, which had never been very good, suddenly became much worse. The optician advised me to see a specialist 'soon'. The NHS appointment was for 11 months later! However, it was possible to see a consultant in four or five weeks, if I paid. I paid! I was told not to drive my car. I knew this already.

On 4th January, 1994, I was registered partially sighted. I waited a long time for my rehabilitation officer, as there was no one in this area qualified to do the work. Lesley Styche, the new rehabilitation officer, breezed in on 2nd February 1995. She is full of enthusiasm and helpful ideas. Lesley encouraged me to realise that I could do much more with my remaining vision and started to teach me to undertake mobility using the long cane technique. This is great fun. I am still under gentle supervision, but I hope to go solo soon.

For some time I had been wondering what to do with my knitting machines. I cannot see the needles on my Silver Reed electronic 580, or the buttons on the PE 1 design controller. I also have a Brother chunky machine and can nearly see the needles on this. I thought I would try machine knitting again. After a few false starts I found that knitting might be possible. I can't see much, but can feel the needles and a torch magnifier is a big help. When I drop a stitch I can sometimes pick it up by inserting the tool where I hope the stitch is – or I shout for my 'designing husband' Jim (see MKM April 1991), who seems to be getting good at rescuing stitches. The work can always be pulled back. The garments are made up on my Hague linker. I could not do without this.

So, I wondered if you might be interested to see our latest creation. Jim adapted the designs from RNIB and Guide Dogs logos, I did the knitting and Lesley is the other model. Here is our rehabilitation jumper.

Yours sincerely,
Jean Firth
Hornsea, E. Yorks.

Yours has to be our Star letter this month and we hope that, with Jim's help, you will enjoy your free subscription to MKM and that it will encourage your continued rehabilitation. From the lovely photographs you sent us Jean, we can't see that you have lost any of your knitting skill, in spite of your poor sight. The very appropriate 'rehabilitation' sweater looks just as well-designed and beautifully knitted as Jim's 'Dam busters' sweater, back in '91. We are so pleased to hear that with Lesley's encouragement you are finding ways of overcoming your disability and hope you will go on to rediscover a lot of the old pleasure you derived from your knitting.

Dear Anne,

This tip may help mothers of young babies. My daughter has a baby of nine and a half months and quite a well-known make of pram/buggy. When she tried the sun canopy on the buggy she

found that it wasn't really very efficient – except when the sun was shining directly overhead. I therefore suggested putting a fringe all the way around it. The fringe needed to be at least six inches deep to be of any use and we were

unable to buy anything in the right colour or depth. So I set about making a fringe on the knitting machine. In fact I made two, one in navy and one in white to match the colours of the buggy, and then stitched them into place, one on top of the other. The fringe certainly keeps the sun off baby Thomas and he loves to play peek-a-boo with it.

It seems all pram/buggy canopies are made in the same way – even the parasol types are no better at shielding the baby from harmful rays. The old fashioned sun shades were so much more efficient, so grandmothers, this tip is for you as well – just in case we have another hot summer next year.

Yours sincerely,
Brenda Howe
Upminster, Essex.

I'm sure this will be a very popular tip, Brenda. It is such a simple solution too – easy to do and fun for the baby!

Dear Anne,

Now I am retired, I have plenty of time to spend on my favourite pastime of knitting. Being the owner of a PPD unit, I was very interested in John Blakeman's articles.

Not being content with the number of patterns available in the PPD carriage, I purchased the Stitch World Extras cartridge, Volume 5. John is correct in stating that you cannot bring these patterns up on the television screen. However, I have found a way to do this via the knitting machine (I have a Brother 950i). I thought maybe there are other knitters like me who like to design the whole shape of the garment on the PPD, or place parts of the pattern in certain areas and also like to view the overall effect. The procedure, although a bit lengthy, is as follows:-

1. Make sure that any of your own patterns stored in the PPD and knitting machine are saved on a disk because when reading in the Stitch World pattern cartridge you will delete these.
2. Read the pattern cartridge into the PPD unit, then transfer the data to the knitting machine in the normal way.
3. Remove the Stitch World cartridge from the PPD unit and replace with the normal cartridge.
4. Now transfer the data from the knitting machine into the

PPD unit.

You will now be able to view the patterns on the screen, edit and design as usual.

I have another tip which I use regularly when knitting double Jacquard and using the cut and sew method for the neckline. When designing the pattern on the screen, draw in the neckline with the necessary decreases so that when knitted, it shows in the contrast colour. You then have an accurate guide line for cutting and sewing.

Thank you for an excellent magazine which I have enjoyed since the first publication. Wishing you many more years of success.

Yours sincerely,
J. Palmer
Princes Risborough.

Well done, Mrs Palmer, for finding a way round the incompatibilities of modern technology – proving it's impossible to outsmart a determined knitter! We hope your favourite pastime will provide you with a great deal of pleasure in your retirement.

Dear Anne,

I was greatly interested in Anne Kent's design 'Tudor England' in the July issue.

The picture is of Tombland Alley, Norwich. Through the arch you can see the gateway leading to Norwich Cathedral which is there in the background. This area of Norwich is steeped in history and there have been many reports of an apparition of a lady in white, seen floating down the alley.

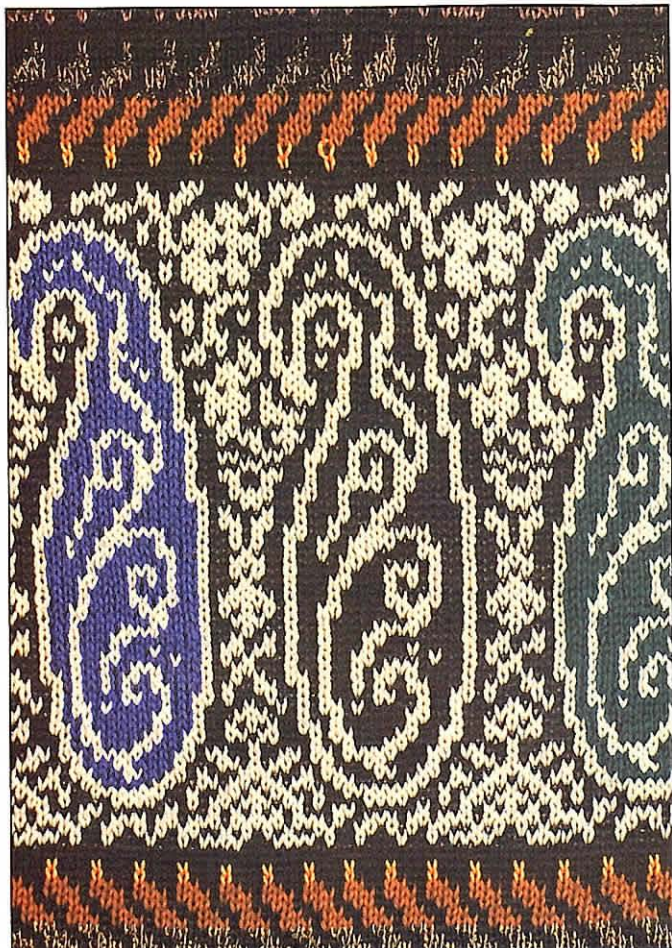
I will certainly make use of Anne's design and, done in authentic cream and black, I shall call mine 'Tombland' because of the local interest.

Now I'll get out my mylar sheet and get cracking – thanks for a great design!

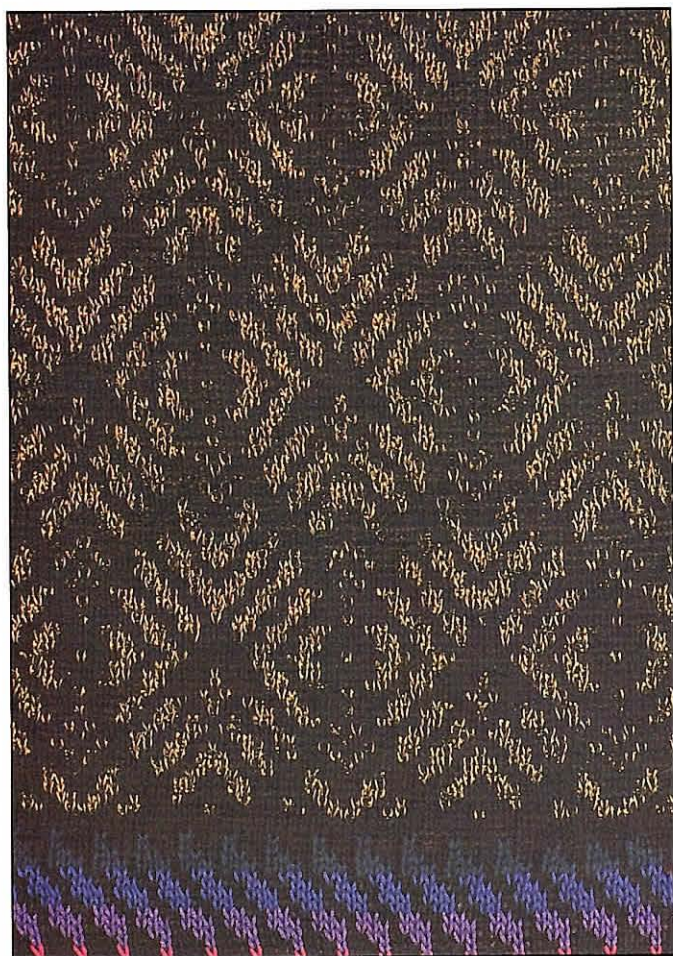
Yours sincerely,
Edna Roff
Norwich.

Thank you for identifying the photograph that Anne Kent used for her inspiration, Edna. It looks idyllically 'Olde Englands' but perhaps it's just as well Anne didn't know at the time that this pretty alley had a history of tombs and ghosts!

We pay £5 for every letter we publish, provided it has not already been accepted or published elsewhere, plus a year's subscription to the magazine for a Star Letter



PAISLEY MOTIF AND BORDER PATTERN



INDIAN STAR FABRIC WITH BORDER PATTERN

INSPIRATIONS

THE INDIAN INFLUENCE

For the last set of designs in this series, I have come full circle back to **India**, which has such richly diverse traditions.

Iris Bishop

These designs, which are inspired by Indian motifs, can become very seasonable when knitted with gold Lurex or other luxury yarns. I hope that you have enjoyed this series of designs, inspired by countries around the world, as much as I have enjoyed designing them. I look forward to seeing your own variations on them as I meet you at exhibitions or clubs in the New Year.

YARNS AND COLOURS

As is often the case with my designs, these work equally well with subtle or strong colour contrasts, depending on your preference. I have used classic black as the background to all of these designs, with some gold Lurex thread to add sparkle and richness to the fabrics. For the Paisley Motif Fabric I have used black and cream, then Swiss-embroidered some of the motifs with strong colours, which gives the illusion of a much larger repeat than 24 stitches.

BORDER PATTERN

This is one of those really useful borders which can be used to 'edge' or 'link' other designs. Knit two plain rows in black (or other background colour) before and after the 13 rows of Border Pattern.

INDIAN STAR FABRIC

I like to keep this one nice and simple. For the colour in feeder 1, I have used gold Lurex mixed with black and then solid black in feeder 2. I find solid gold Lurex too bright for my taste. This

design can also be used as a border design by knitting rows 1-35 of the card only.

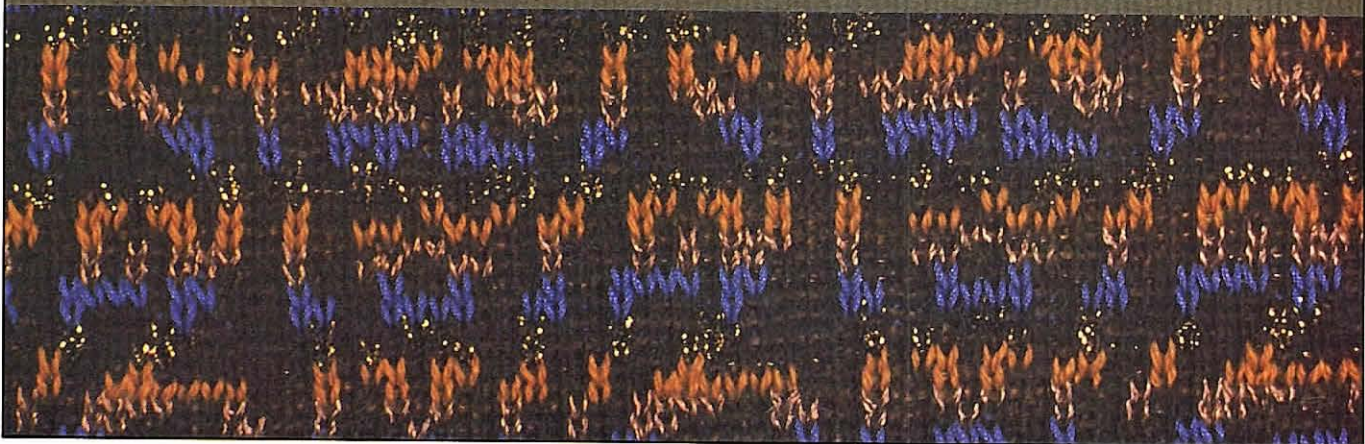
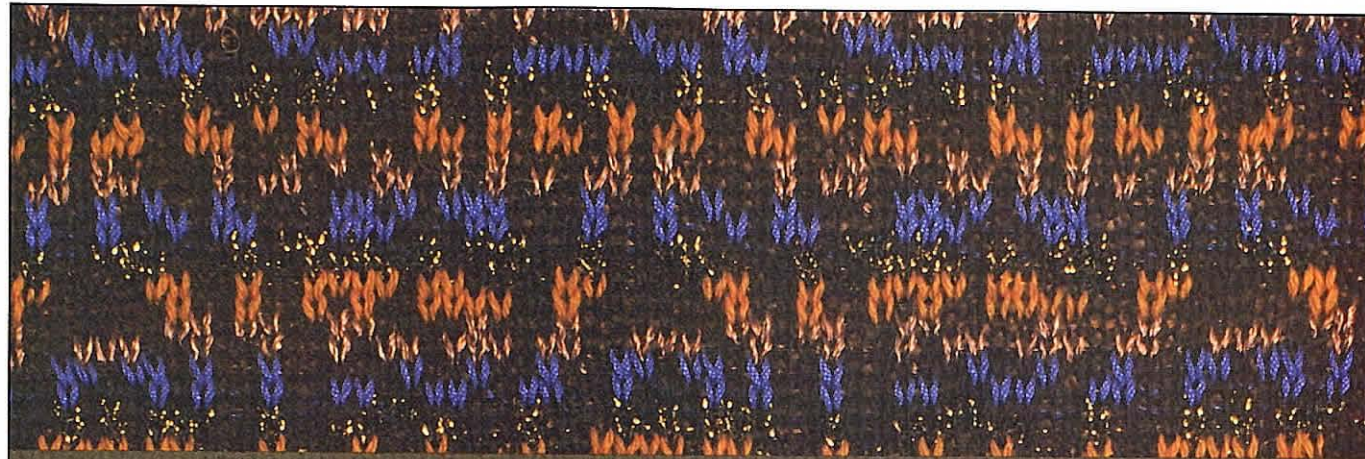
PAISLEY MOTIF FABRIC

This design can be used as a deep border pattern (knit the card through once) or repeated as a straightforward Fair Isle for an all-over pattern. As a border design I have used black as the background in feeder 1 and cream as the contrast in feeder 2. To combine with the Border Pattern, as illustrated, knit two plain rows in black between each border. After knitting and pressing the fabric I have Swiss-embroidered the black stitches inside alternate paisley 'motifs' with jade, purple and so on to create a really rich fabric.

To knit this as an all-over design, repeat the 68 rows of the pattern without plain rows between repeats. The design works well in just two colours (dark in feeder 1, light in feeder 2). To give the multi-coloured effect as illustrated, use black in feeder 1 throughout and two rows each of three or four different colours in turn (for example, gold Lurex, purple, mink and sand) in feeder 2, keeping the same colour sequence throughout.

STITCH PATTERN CHARTS

The charts overleaf show the wrong side of the designs and can be copied on to a mylar sheet or blank 24-stitch punchcard. Each blank square represents a hole to be punched. Check that electronic machines are set to knit the correct view of the design.



PAISLEY MOTIF FABRIC



USING THE RIBBER – PART 6 FISHERMAN'S RIB

This is a very simple stitch to knit – or so it would seem. This is a fabric which can be knitted on very basic double bed machines, since no selective patterning is required. Diane explains how to knit it without problems and explores some of the many variations.

Diane Bennett

WHAT IS FISHERMAN'S RIB?

Fisherman's rib is a fabric which is usually knitted by tucking all the needles on one or both beds. For this, no needle selection is required, so this has been a popular fabric for many years, since it could be knitted on the double bed machines of the 1960s which had no patterning.

The fabric can be knitted in two different ways, as half or full Fisherman's rib.

HALF FISHERMAN'S RIB

Also known as English rib, this is a

very useful fabric because the tucking widens it and avoids the 'skinny rib' look. The side of the fabric knitted on the bed which is not tucking is usually used as the right side, since this has the attractive 'pearls' formed by knitting two rows as opposed to one row on the bed which is tucking.

It is knitted by tucking all the needles on alternate rows on one bed only. Although either bed can be used for the tucking, on Japanese machines it is more logical to use the ribber. Since the needle rule for these machines requires that end needles should

be on the main bed, tucking the ribber needles avoids tucking end needles – which can result in dropped stitches.

To set the ribber for half Fisherman's rib, move one of the set levers from N to PR and set the ribber to tuck by moving the small tucking lever from R (slip) to P (tuck). The ribber will now knit normally in one direction (set lever on leading edge to N) and tuck all the working needles in the other direction (set lever on leading edge to PR). When the needles are tucked, they move forward far enough to collect a loop of yarn, but not far enough to knit this loop.

FULL FISHERMAN'S RIB

This is one of the few true double-sided fabrics which can be knitted on a Japanese machine with a ribber, since both beds tuck. However, the very large amount of tucking in the fabric makes it very loose and of little practical use for most garments, although it can be used for hats and scarves.

To set for full Fisherman's rib, both the ribber and main bed should be set to tuck on alternate rows, so that needles on one bed are tucked on every row. It is important to check the setting carefully before starting to knit, since it is impossible to tuck the same row on both beds.

First set the ribber to tuck one way. Put the left set lever up, that is from N to PR, making sure that the right set lever is down. Set the ribber to tuck by moving the tuck lever from R to P. The ribber will now tuck as the carriages move from right to left. Set the main bed to tuck from left to right by pressing the right tuck button.

KNITTING FISHERMAN'S RIB

Setting the carriages for full or half Fisherman's rib is quite easy and the fabric which is knitted is very attractive. Half Fisherman's rib is often used for men's

sweaters, since it is a simple textured fabric. However, many knitters never progress to completing a garment because although the tension square knits without problems, the garment pieces contain faults when removed from the machine. The problem is simply that it is a fabric which is very difficult to weight correctly. If the weighting is not even, groups of loops and stitches do not knit off correctly, leaving marks, usually in lines across the knitting.

This can sometimes be avoided by paying very careful attention to weighting while knitting the garment piece. If the stitches start to float (that is, rise up between the beds) stop immediately and check the weights. The cause is usually either a loop of yarn caught over a sinker, the loop of yarn formed when casting on becoming attached to the clamp or the weights not being placed evenly.

Unfortunately, however, by the time the problem can be seen, it is often too late to avoid the evidence and since it is not usually possible to unpick, it is then usually necessary to take the knitting off the machine and start again.

So, is Fisherman's rib really this difficult to knit? Well, it certainly isn't easy, but there are a number of ways to reduce the problems.

1. Make sure that the weights are placed evenly on the comb, with the end weights at least four inches beyond the end of the knitting.
2. Both half and full Fisherman's rib can be knitted using a thicker yarn (for example four ply for standard gauge) and 1x1 rib, or a finer yarn (for example two or three ply) and full needle rib. Use the finer yarn, so that the garment piece can be knitted on a much narrower section of the needle bed, making weighting easier.
3. Garment pieces must be very simple shapes and holding position should never be used.

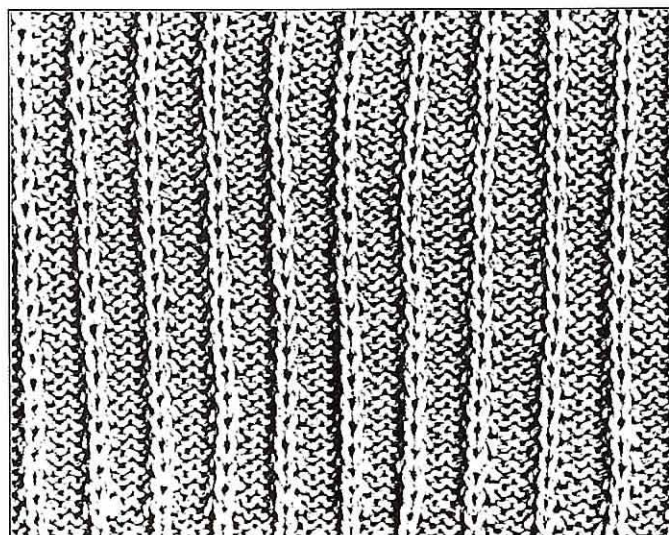


FIGURE 1

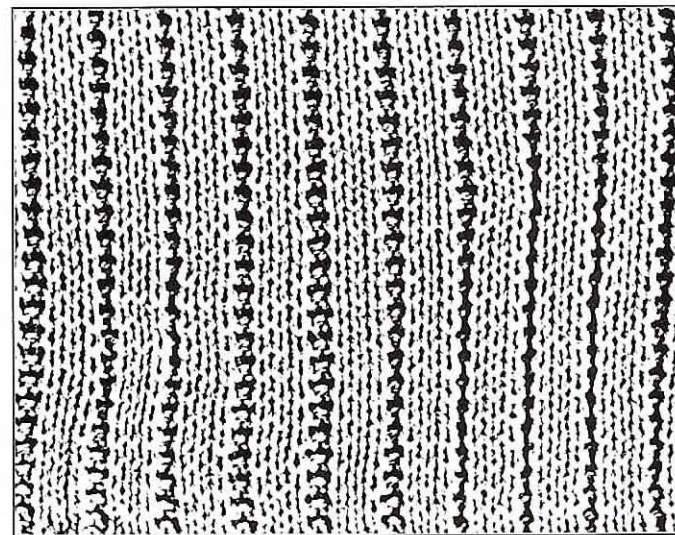


FIGURE 2

4. When knitting half Fisherman's rib, the fabrics are easier to knit if the number of working needles on the bed which is tucking is reduced (see Variations).

GARMENT PLANNING

Make the tension square and wash it before measuring. It may need to be pulled out slightly widthways – if this is necessary, pin and measure both stitches and rows.

Cast on using 1x1 rib or full needle rib, as appropriate for the yarn. Knit the welt using this needle setting without tucking – although full needle rib is rarely used for welts, it is suitable for Fisherman's rib because the tucking widens the main fabric.

Set for Fisherman's rib and knit the garment piece. Stop after about 20 rows to release the loop of yarn from the clamp or clip and check the weighting carefully. Stop every 50 rows after that to check the weighting.

When casting off, make extra loops between the stitches, especially for fabrics using the full needle rib setting, to avoid the puckered seams which can result from a tight cast off following a fabric widened by tucking.

Sleeves are easier to knit from the top downwards, decreasing for shaping and adding the cuff separately. If, however, it is necessary to knit the sleeve upwards or to increase on any other garment piece, push the increased needles on the bed which is tucking forward to holding position (with the carriage set to knit them back) for two or three rows. This makes the stitches knit instead of tucking and helps avoid dropped stitches and an untidy edge.

VARIATIONS

Apart from racking, which I will be covering in a later article, very few variations of full Fisherman's rib are possible, because changing the needle setting when knitting this fabric almost always results in pairs or blocks of tucking needles on the same bed. The variations given are all based on half Fisherman's rib, with the ribber set to tuck as described above.

EASY TO KNIT FISHERMAN'S RIB

Half Fisherman's rib is much easier to knit if there are fewer needles in working position on the tucking bed. The resulting fabric can be used with either side as the right side, as shown in Figure 1 and 2. Figure 1 shows the side facing the knitter, with fewer needles working, while Figure 2 shows the side with more needles in working position.

For thicker yarns, cast on 1x1 rib with ribber set to the P position:-

```
10101010101
101010101
```

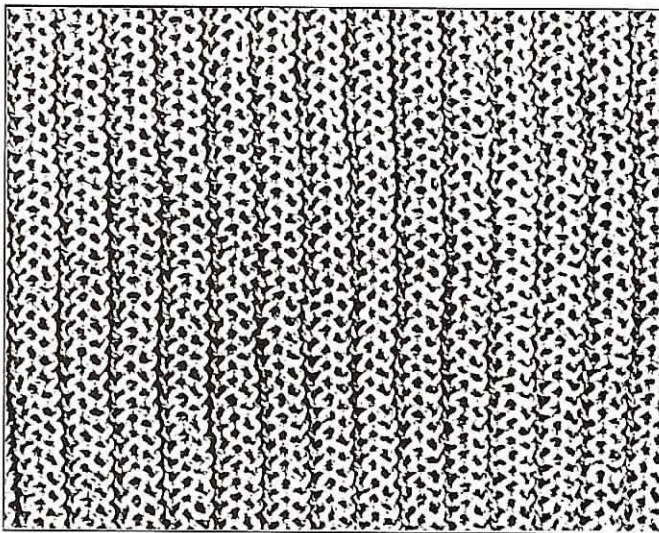


FIGURE 3

After completing the welt, transfer every alternate needle from the ribber to the main bed, to give a 3x1 rib:-

```
10111011101
100010001
```

Set the ribber to tuck in one direction only and knit the fabric, which is shown in Figure 1 and 2.

For finer yarns, cast on tight 2x2 rib (2x1 rib) with the ribber set to the H position:-

```
1101101101
11011011
```

After knitting the welt on this needle setting, transfer one of each pair of working needles on the ribber to the main bed so that all needles are working on the main bed, 1x2 on the ribber:-

```
1111111111
1001001
```

When using needle setting of this type, remember the importance of checking the ends as described in the last article in this series.

2x2 FISHERMAN'S RIB

When knitting with the main bed, it is not possible to tuck two suc-

cessive needles. Surprisingly, it is possible to tuck two successive needles on the ribber when knitting a fine yarn and using a tight 2x2 rib needle setting, as shown in Figure 3. The knitting must be very well weighted and the yarn selected with care – avoid stranded or difficult yarns.

SELECTIVE FISHERMAN'S RIB

Although Fisherman's rib is usually knitted with all needles tucking on one or both beds, it is also possible to knit a similar fabric using needle selection. This combines areas of full needle rib with Fisherman's rib. The most effective designs are usually simple geometric shapes, for example squares, rectangles and triangles.

To knit the selective fabric, the main bed is set to tuck and not the ribber. Needles are selected for the design on alternate rows, with the main bed set to tuck. Figure 4 shows a simple design taken from Diane's new book *Double Bed Fabrics*.

Tuck rib is very simple to knit and can be used to produce a wide range of beautiful fabrics which Diane will be exploring in the next article in this series.

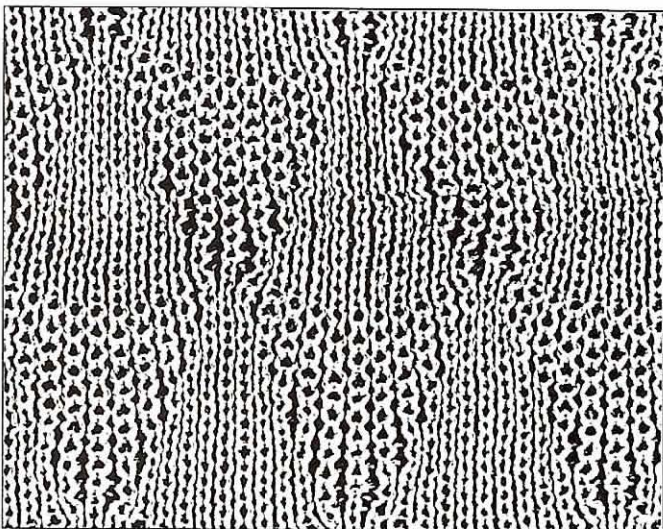
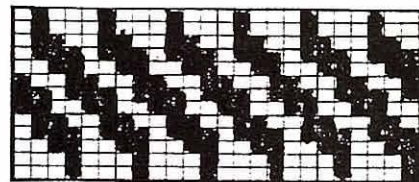
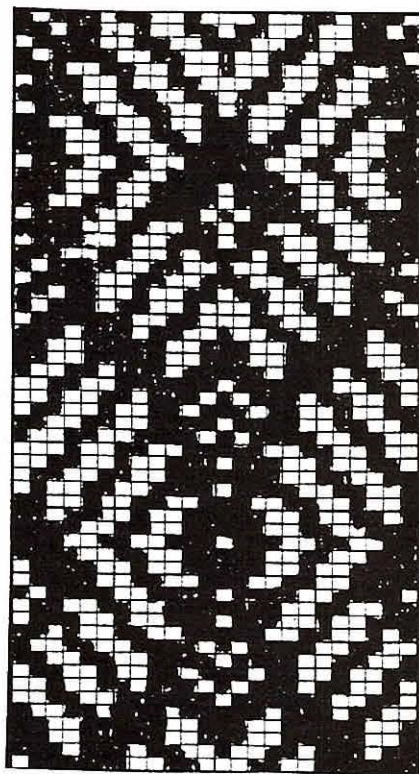


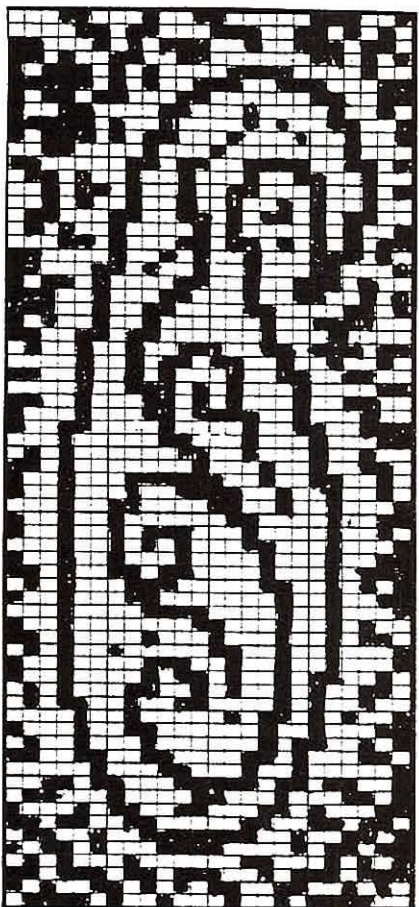
FIGURE 4



BORDER PATTERN



INDIAN STAR FABRIC



PAISLEY MOTIF FABRIC

ART AND DESIGN

WALL HANGING – Part 5

At last we can complete the wall hanging of West Australian wild flowers. If you have kept up with me, all the knitting has been done and it just remains to make up and position the last flowers and add the finishing touches.

Anne Kent

Last month Flowers One and Two were positioned and sewn on, plus the pom-poms for Flower Five. I must confess to giving my pom-poms an additional 'trim' after I had sewn them on as I thought they looked a bit big. I have added approximate positions for the remaining flowers to the one inch scale line drawing which we used last month.

I think the finished wall-hanging would brighten any area of the house and would make a truly creative gift this Christmas. I have really enjoyed knitting something 'different' for a change and I hope those of you who are also knitting it, have enjoyed it too.

MAKING UP

First, lightly press all leaves before sewing.

FLOWER FOUR

Make a paper template of the shape, using the scale drawing for size – or send me a stamped and self-addressed envelope marked 'template' and I will send you one. Pin the template on to the knitting so that the 'stripes' are at an angle and cut around about $\frac{1}{2}$ in outside the line of the template. If you have an overlocker cut and sew also $\frac{1}{2}$ in from the edge.

Turn under all round approximately $\frac{1}{2}$ in and sew down neatly. Pin in position and sew in place.

For the stem, use two ends of green four-ply and backstitch in lines. It doesn't need to be even, but your stitches must not be tight or you will distort the background – the voice of bitter experience!

Mark the positions for the leaves and backstitch the centre line of each leaf, still using two ends. The edges are made by long stitches going backwards and forwards. Have a practice on your tension swatch.

The finishing touch to this flower is to paint some shadow on with the fabric paints.

FLOWER FIVE

The pom-poms should already be sewn on. As I said earlier, they may need a trim to reduce their size a little. Now, with single four-ply in a light brown or beige, backstitch the line for all the stalks. Using two ends of mid-brown four-ply, backstitch alongside all of the lines. The sharp spikes of this Prickly Moses plant are made by simple single long stitches in medium brown four-ply (two ends). The small leaves are chain stitches in a light green.



FLOWER THREE

I left this one till last, as I was worried about the method I would use to keep the fringes in place.

First of all, sew in place the leaves and white/grey 'leaves' (these are buds). Sew the leaves so that they are not flat but a little 'puffy' looking. Leave the left side of the top right leaf unsewn until the fringe is on. The bottom left leaf should only be sewn at the top and bottom and not to the full length of the leaf, so that it will curve a little.

The white/grey bud at the top right should be turned under to give a flat edge. Sew this on and then, using red four-ply, oversew along the edge to make it look fringe-like.

I have used fabric paints to mark the shadows and veins on the leaves. However, this could be done with some simple embroidery. I have painted some grey on the white

buds and a red band on the lower bud which I have over-sewn with red wool. Now for the fringes!

Cut one line of stitches off so that you only have one line of stitches. Fold in half the red/pink length and sew the two together so that the stitch section is fairly flat. One side will show two lines of stitches and the other side will show one. With the latter showing, pin in position and then back stitch in place with red four ply.

Cut and sew the yellow fringe in the same way and attach it approximately two inches above the stitching of the red/pink fringe.

Cut, fold and sew the red/plum fringe and sew approximately one inch above the yellow fringe. To hold the fringes in place, I decided the following method worked quite well. I bought some sticky-backed Velcro

and stuck it behind each fringe section starting at the top and then combed the fringe in place (with a comb!) before doing the next one below.

Comb the fringes lightly towards the centre. This method seems to hold the fringes quite well when the wall-hanging is up. You may like to give the fringes a slight trim at the sides to improve the shape of the flower.

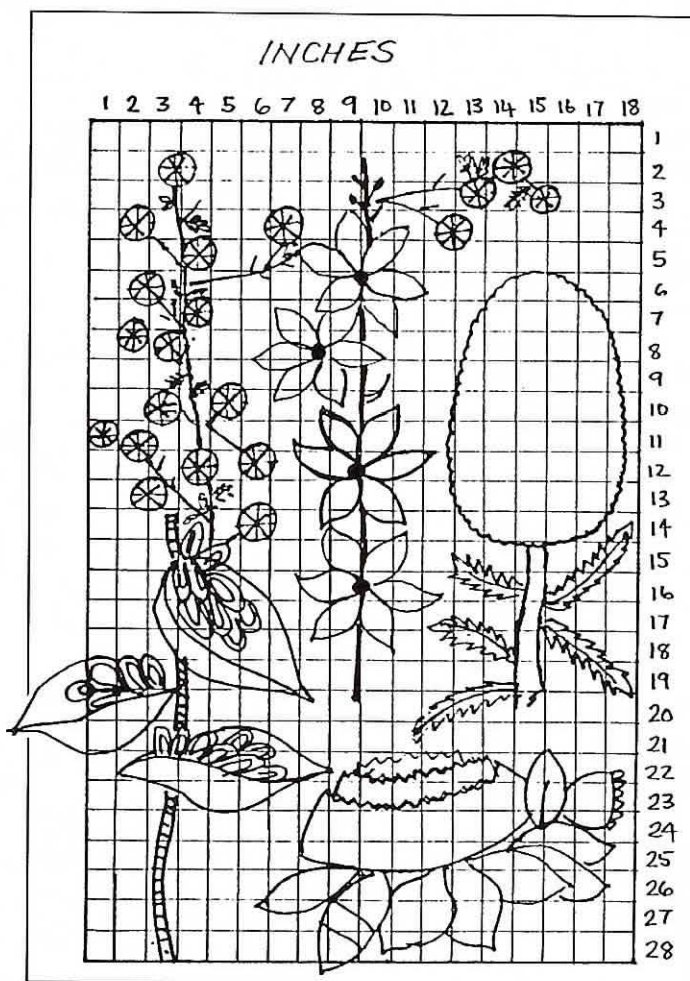
FLOWER ONE

Here's a little tip to stop them flopping. Sew the top right flower to the background in

only sewn the bottom flower down and allowed it to fall open.

FINISHING

Give your wall hanging a steam on the wrong side if it needs it. If the side edges are a bit 'scruffy' turn over about 1/2 in and hem in place. Push the dowing through the hems at the top and bottom. The edges that protrude can be covered by winding wool tightly around them. Make or buy a cord for the top and attach to the dowing. Hang it up and sit back and admire your handiwork!



several places, turn over end of leaf and sew in place. Thread a piece of green wool from one side of leaf approximately at centre of pink section and under pink section and fasten to other side of leaf. Top flower facing left, sew a length of green wool through as for other flower but a little tighter and stuff the leaf centre with wool. Make sure the wool doesn't show. I have

The completed wall-hanging brings this series of Anne Kent's articles to an end but we shall be welcoming her back in the Spring for a new series of Art and Design.

If you would like a template as she suggests, send your S.A.E. to:- Anne Kent Designs, 23 Springfield, East Grinstead, West Sussex RH19 2RT.

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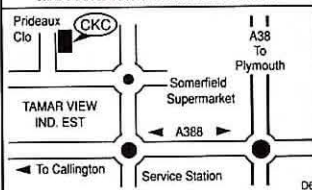
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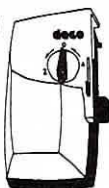
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COMPETITION

Compiled by Peter Davies

You could hang up your stocking and wish ...
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Or enter our Christmas Competition and win ...

**A SUPERB
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worth £260

or one of
6 HAGUE SWATCH BOARDS
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Our very special FIRST PRIZE this Christmas is the accessory no knitter should be without. The Hague Linker will make an enormous difference to the finish of your knitting. Its speed and neatness makes it so easy to stitch seams that are perfectly smooth, with the pattern perfectly matched. You can set in the sleeves, join on the collar or bands, or stitch the longest seam whilst matching the pattern stitch for stitch – and fast! Just place the work on the circular point ring which rotates as the handle is turned, linking the edges together in a smooth continuous seam. Using the same yarn as the knitting, ensures that the seams will wear and stretch with the garment. This linker gives the home knitter the professional finish that Hague have been providing for the knitwear trade for over one hundred years.

What more could you want? Well, perhaps a Hague Swatch Board. You can't win both, but this is another great idea which knitters will find invaluable.

The board has a surface similar to emery paper, which holds a knitted sample lightly but securely in place. The sample can then be pulled and patted into shape without stretching and held perfectly flat for measuring rows and stitches as a tension check. The swatch board has its own measurement gauge and is the easiest and best way we have come across of measuring a tension

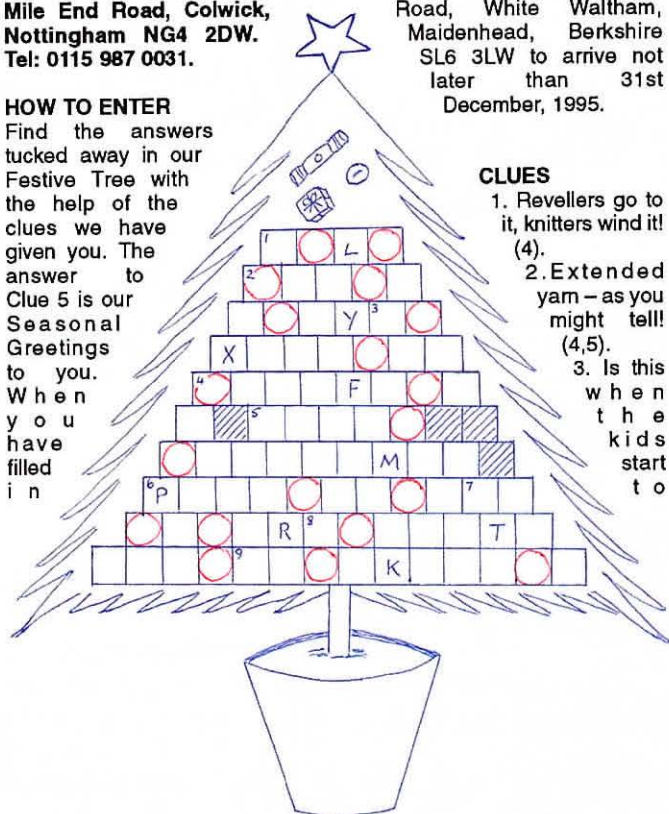
(or photographing a 'curly' sample).

The six readers who become the runners-up in this competition are going to wonder how they managed without their Swatch Board!

More details of these and their other products can be obtained from **B. Hague & Co. Ltd, 45 Mile End Road, Colwick, Nottingham NG4 2DW. Tel: 0115 987 0031.**

HOW TO ENTER

Find the answers tucked away in our Festive Tree with the help of the clues we have given you. The answer to Clue 5 is our Seasonal Greetings to you. When you have filled in



CLUES

1. Revellers go to it, knitters wind it! (4).
2. Extended yam – as you might tell! (4,5).
3. Is this when the kids start to

all the squares in the tree, you will see that the circled squares spell out a six-word message that you can send back to us.

Put the six-word message on a postcard, or the back of a sealed envelope, add your name and address and send it to Christmas Competition, MKM, 17 Grove Park, Waltham Road, White Waltham, Maidenhead, Berkshire SL6 3LW to arrive not later than 31st December, 1995.

- scrap after Christmas? (6,3).
4. Careful, he might have your fingers and toes! (4,5).
5. Cry star shimmer (anagram) (5,9).
6. Where to find Buttons around Christmas perhaps! (9).
7. A hot person – who might wear this! (7).
8. Cook Country – Christmas meal. (5,6).
9. Buying food for Christmas – or prepared for Santa! (8,2).

COMPETITION RULES

1. Only one entry per person will be accepted.
2. This competition is open to residents of the UK only, except the employees of Machine Knitting Monthly, the magazine's typesetters, printers, distributors, employees of this month's competition sponsors and their relatives.
3. The closing date is 31st December, 1995. Entries received after that date will not be considered and no responsibility can be accepted for entries lost or delayed in the post.
4. No cash alternative will be offered.
5. The winners will be the first correct entries drawn from our postbag after the closing date.
6. The winners will be notified in writing and the result will be published in a future issue of Machine Knitting Monthly.
7. The Editor's decision is final and no correspondence will be entered into regarding the competition.

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☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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13 Royal	14 Ink	15 White	16 Mallard	17 Black	18 Purple	19 Violet	20 Cactus	21 Emerald	22 Amber	23 Mustard	24 Melon
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
25 Ginger	26 Terracotta	27 Chocolate	28 Willow	29 Basil	30 Bottle	31 Pacific	32 Turquoise	33 Pink	34 Damask	35 Dark Coral	36 Tomato
☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
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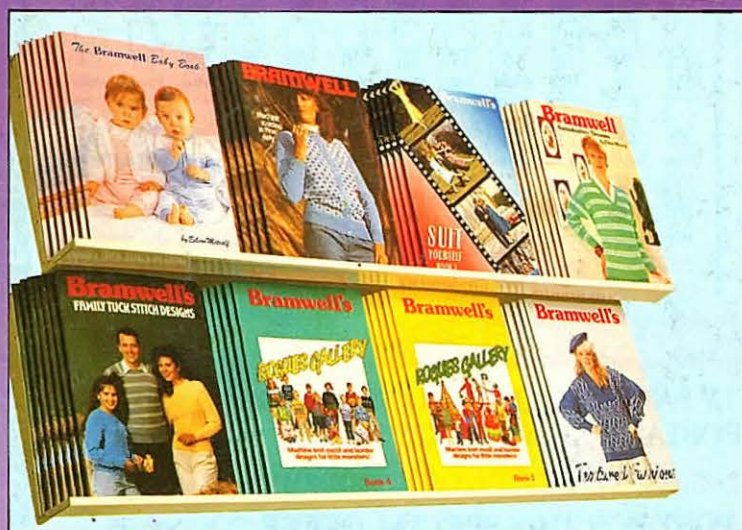
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